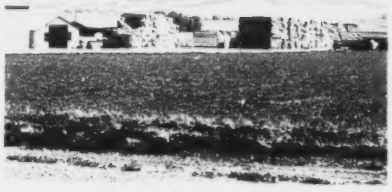
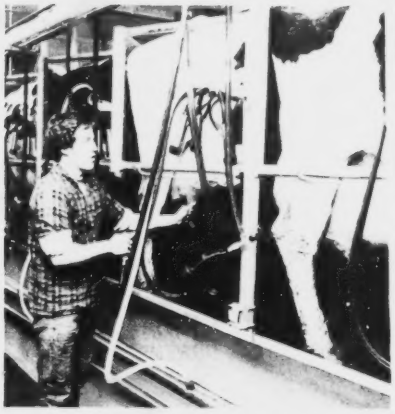
UTAH

AGRICULTURAL Statistics

1980





BEST AVAILABLE COPY

THE GREAT SEAL OF THE STATE OF UTAH
INDUSTRY
1847
1896

SCOTT M. MATHESON
GOVERNOR

STATE OF UTAH
OFFICE OF THE GOVERNOR
SALT LAKE CITY
84114

To the Citizens of Utah:

It is my pleasure to present the 1980 edition of the UTAH AGRICULTURAL STATISTICS to the citizens of the state of Utah. In cooperation with the USDA Economics, Statistics, and Cooperatives Services, the Utah Department of Agriculture publishes this report annually to provide accurate information to the public.

We are facing some very important decisions that will determine the future of agriculture and the very way of life of our state. Embodied in this publication are facts that will help form a basis for accurate decision making for continued growth in our state.

Once again I congratulate those responsible for the accumulation and publication of this very important information which is so vital to our state's economy.

Sincerely,

Governor

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"To Those Who Have an Interest in Utah's Agricultural Economy"

Each year the Utah Department of Agriculture, in cooperation with the USDA Economics, Statistics, and Cooperatives Service, has the responsibility of making available to the people of the State of Utah current statistics on the state's agricultural industry. It is my privilege, as Commissioner of Agriculture, to present this annual report entitled, UTAH AGRICULTURAL STATISTICS 1980, for those interested in our agricultural economy.

In 1979, gross receipts of Utah's agriculture topped $500 million for the first time. This makes agriculture one of the leading industries in the state. Contained in this publication is information on farm acreage, production patterns, weather data and crop budgets that will be helpful to many.

Every day our department receives requests for accurate information that may be used as a basis for very important decisions concerning the future of agriculture and our way of life. This publication is a result of those requests. Lately, we have been receiving an increasing number of requests for accurate county and regional data. There is a section of county estimates which attempts to fulfill these requests. We recognize that more complete accurate data is needed and hope that it will be attainable in the future.

We hope that the information contained herein will be informative and provide a greater understanding and appreciation of the state's agriculture.

Sincerely,

Kenneth B. Creer

Dr. Kenneth B. Creer
Commissioner

UTAH AGRICULTURAL STATISTICS 1980

This report has been compiled and published as a cooperative effort and function of the following agencies of Federal and State Government.

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INTRODUCTION

It may be hard to think of Utah as an agricultural state, with most of the population concentrated in a corridor along the Wasatch Front, but agriculture remains one of our most valuable industries. In 1979, for the first time ever, cash receipts from farming and ranching in the State exceeded the half-billion dollar mark. This is a far cry from what we see looking back over the decades. In 1930 the State had 508,000 residents and 27,000 farms with cash receipts of only $52 million. By 1980 the population had increased by more than 2.5 times while the number of farms was only about one-half the 1930 level. Concentration of resources has been necessary over the years in order to keep the State's agriculture competitive. Along with the concentration comes mechanization and along with mechanization comes specialization. Most commercial producers today do one or two things and do them very well.

The outgrowth of all the change is an industry with a production efficiency unmatched anywhere in the world, but one that has become increasingly sensitive to cost-price changes. With increased fixed investments in land, machinery and other inputs and with cost constantly inching upward the farmer finds himself operating on very narrow profit margins. In years when prices fall and costs continue upward, the profits can quickly turn to losses. Unlike most other businesses, the farmer has no way of passing increased costs on to the consumer. The only way he has been able to weather the transition from 1930 to 1980 is by the almost unbelievable increase in productivity.

There will certainly be more changes ahead for agriculture, and we hope that the information supplied in this and similar publications will help make the transition a smooth one.

Ben W. Lindsay

BEN W. LINDSAY, Director
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GOVERNOR'S LETTER

COMMISSIONER'S LETTER

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We would like to thank the Utah Farmer-Stockman and USU Extension Service for their photographs used in this publication.

Cultivated farmland is located mainly in fertile valleys.

Population

Population of Counties, Utah

County	U. S. Census - April 1, 1970						July 1, 1979 Est. 2/
	Total	Urban		Rural			
		Total urban 1/	Percent of Total	Total Rural	Places of 1,000 to 2,500	Other Rural	Total
Beaver	3,800	--	--	3,800	2,757	1,043	4,400
Box Elder	28,129	16,801	59.7	11,328	2,232	9,096	33,000
Cache	42,331	25,675	60.7	16,656	10,897	5,759	55,000
Carbon	15,647	6,218	39.7	9,429	3,538	5,891	22,200
Daggett	666	--	--	666	--	666	800
Davis	99,028	85,115	86.0	13,913	6,950	6,963	137,000
Duchesne	7,299	--	--	7,299	3,099	4,200	11,900
Emery	5,137	--	--	5,137	999	4,168	10,800
Garfield	3,157	--	--	3,157	1,318	1,839	3,800
Grand	6,688	4,793	71.7	1,895	64	1,831	7,900
Iron	12,177	8,946	73.5	3,231	1,423	1,808	17,200
Juab	4,574	2,699	59.0	1,875	--	1,875	6,700
Kane	2,421	--	--	2,421	1,381	1,040	5,900
Millard	6,988	--	--	6,988	5,021	1,967	9,000
Morgan	5,983	--	--	3,983	1,686	2,297	5,300
Piute	1,164	--	--	1,164	--	1,164	1,600
Rich	1,615	--	--	1,615	--	1,615	1,900
Salt Lake	458,607	436,201	95.1	22,406	--	22,406	663,000
San Juan	9,606	--	--	9,606	5,681	5,925	15,000
Sanpete	10,976	--	--	10,976	6,519	4,457	14,800
Sevier	10,103	4,471	44.3	5,632	1,494	4,138	15,000
Summit	5,879	--	--	5,879	1,193	4,686	8,700
Tooele	21,545	15,470	71.8	6,075	2,357	3,718	24,800
Uintah	12,684	5,908	30.8	8,776	1,248	7,528	19,300
Utah	137,776	120,554	87.5	17,222	5,344	11,878	199,[illegible]
Wasatch	5,863	3,245	55.3	2,618	--	2,618	7,800
Washington	13,669	7,097	51.9	6,572	1,408	5,164	22,600
Wayne	1,483	--	--	1,483	--	1,483	1,900
Weber	126,542	110,279	87.1	16,999	3,571	12,428	144,000
State Total	1,059,537	851,472	80.4	207,801	66,090	141,711	1,361,700

1/ Urban population includes persons living in areas or places of 2,500 inhabitants or more. 2/ Utah Economic and Business review, University of Utah, December 1978.

Farm Population vs. Total Population, Utah, 1920-1970 Censuses

Year	Total Population	Farm Population	
		Number	% of Total
1920	451,000	141,000	31.3
1930	508,000	116,000	22.8
1940	550,000	105,000	19.1
1950	689,000	81,000	11.8
1960	891,000	65,000	7.3
1970	1,059,000	38,000	3.6

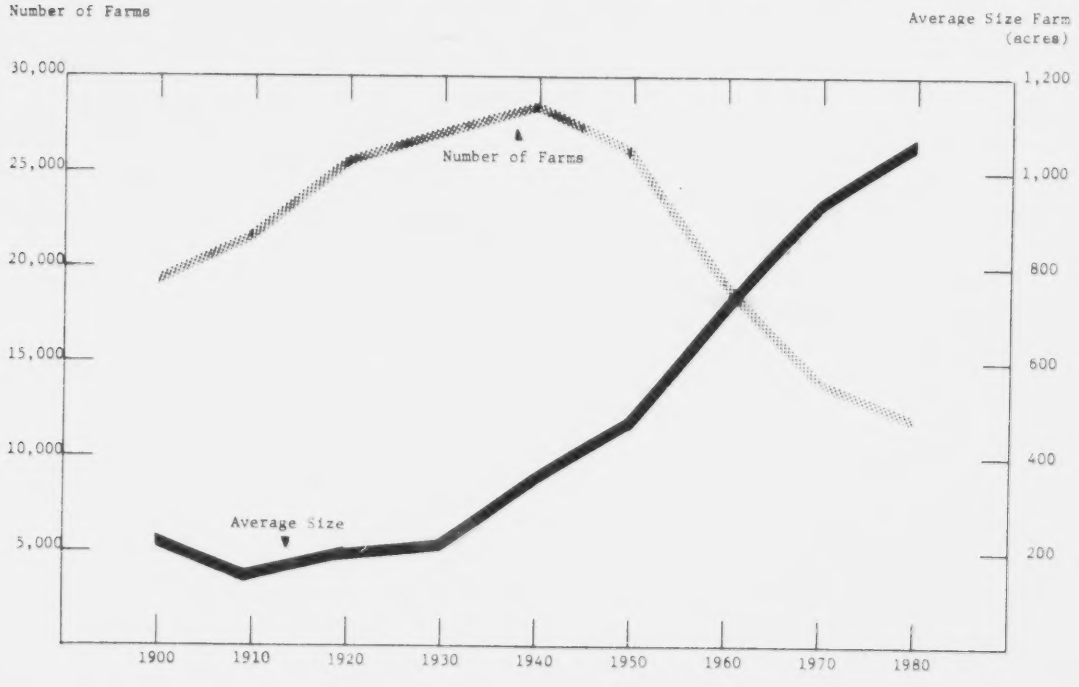
"Farm Population Estimates" Rural Development Service, USDA Statistical Bulletin.

Number of Farms

Since the depression of the 1930's, farm numbers have shown an almost steady decline--not only in Utah, but across the country. The trend has been to larger, more capital intensive farms with continually decreasing labor requirements. This growth in size of farms and increased mechanization has enabled the American farmer to take advantage of many production innovations. The result is an agriculture industry that is the envy of the world and an upward productivity spiral that can't be matched by any other segment of our economy. Corn is a striking example of this efficiency. Since the mid-1930's, when farm numbers were at a high, yield per acre for corn has increased fourfold. The result is that on one-fourth less acreage, we now produce three times as much corn.

For the most part, the reduction in the number of farms has been the result of consolidation of small farms into larger ones. Even though there has been much recent concern about the encroachment of urban development into farming areas, the actual percent loss of cropland has been less than 10 percent from the high in 1950 to the present. The problem of course is that while land in farms has been inching downward, world demand for food has been multiplying. Only by increased productivity have we been able to keep food on the table.

UTAH - NUMBER OF FARMS AND AVERAGE ACREAGE PER FARM 1900 - 1980



Number of Farms and Land in Farms, Selected Years 1850-1980 1/.

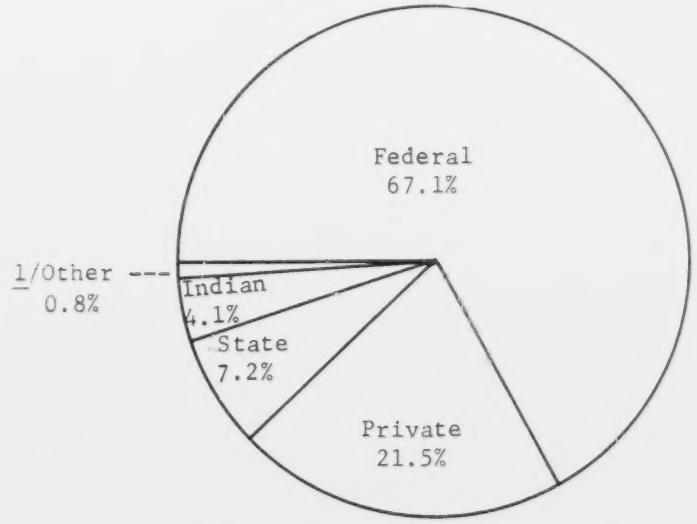
Year	UTAH			UNITED STATES		
	Farms	Land in Farms		Farms	Land in Farms	
		Average	Total		Average	Total
	Number	Acres	1,000 Acres	1,000	Acres	1,000,000 Acres
1850.....	926	51	47	1,449	203	294
1860.....	3,635	25	90	2,044	199	407
1880.....	9,452	69	656	4,009	134	536
1900.....	19,387	212	4,117	5,737	146	839
1920.....	25,662	197	5,050	6,448	148	956
1930.....	27,159	207	5,613	6,289	157	987
1936 2/.....	30,800	--	--	--	--	--
1940.....	28,500	354	10,100	6,097	174	1,061
1950.....	25,800	465	12,000	5,382	215	1,159
1960.....	19,000	716	13,600	3,963	297	1,176
1965.....	16,500	818	13,500	3,356	340	1,140
1970.....	14,100	936	13,200	2,949	374	1,102
Old Definition 3/						
1975.....	13,400	963	12,900	2,767	391	1,081
1976.....	13,400	963	12,900	2,738	394	1,078
1977.....	13,400	963	12,900	2,706	397	1,075
1978.....	13,400	963	12,900	2,672	401	1,072
New Definition 4/						
1975.....	12,400	1,036	12,850	2,491	427	1,063
1976.....	12,400	1,036	12,850	2,454	432	1,059
1977.....	12,400	1,036	12,850	2,409	438	1,055
1978.....	12,300	1,045	12,850	2,370	444	1,052
1979.....	12,200	1,049	12,800	2,333	450	1,049
1980 5/.....	12,000	1,050	12,600	2,309	453	1,047

1/ 1850-1931 from U.S. Census of Agriculture--1940-79 are USDA estimates.
2/ Record high number of farms in Utah.
3/ The "Old Definition" of a farm included places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.
4/ The "New Definition" of a farm includes places which had annual sales of agricultural products of $1,000 or more. This definition is also being used by the Department of Commerce, Bureau of the Census, for the 1978 Census of Agriculture.
5/ Preliminary.

Land Inventory

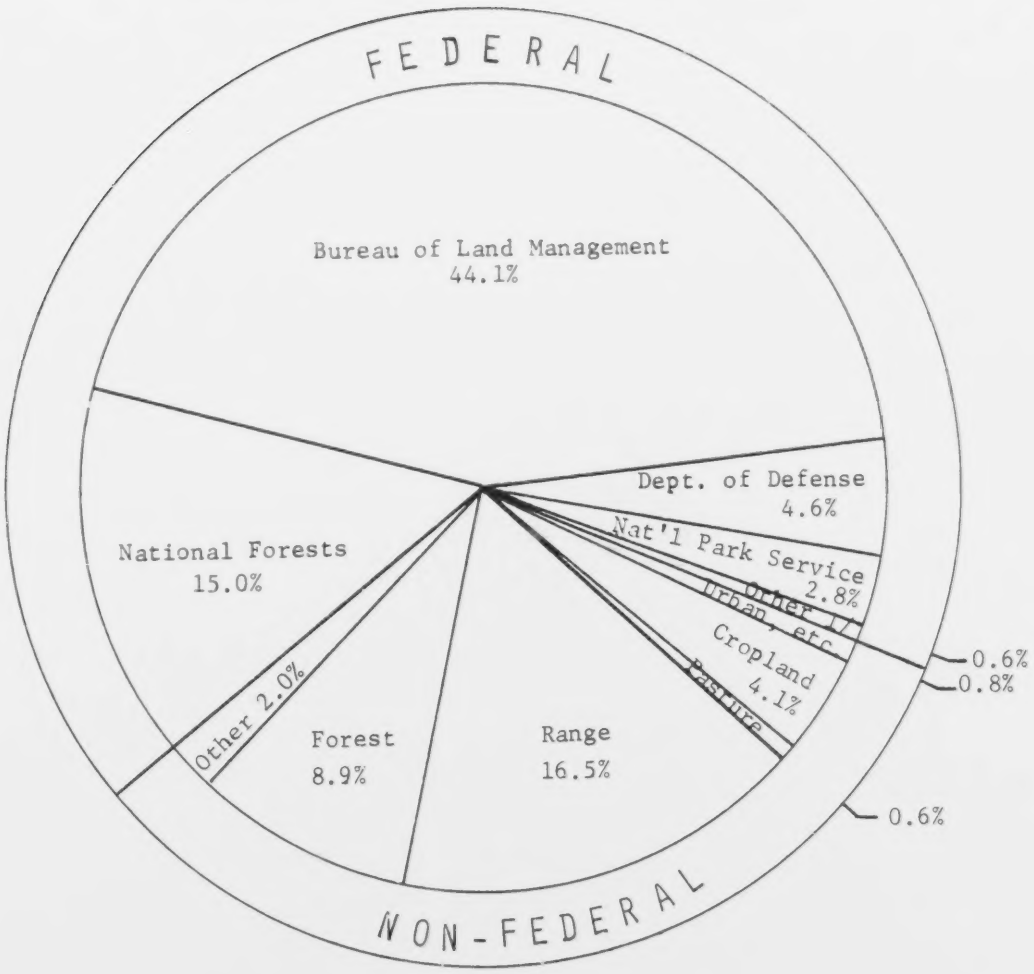
Most of Utah's land area is used for agricultural purposes, however, the great majority is suitable only for grazing livestock. According to the Utah Conservation Needs Inventory Report, Soil Conservation Service, U.S. Department of Agriculture, October 1970, only 4.1 percent of the land area in Utah was cropland in 1967. Of this amount, nearly two-thirds was irrigated cropland. Counties in north central Utah had the highest proportion of their land area in cropland--varying from 10.6 percent in Utah and Box Elder Counties to 25.4 percent in Cache. In other sections of the State, every county had less than 10 percent of its land area in cropland and most had less than 4 percent with the lowest, 0.3 percent, in Grand.

Land in Utah is mostly under Federal ownership and control, which includes two-thirds of the State total, according to the above report. State owned lands amount to 7 percent of the total area and Indian lands are 4 percent of the total. Urban areas, roads, railroads, and small water areas account for less than 1 percent of the total. This leaves only about 21 percent of the State's total land area under private ownership (excluding cities and towns). In north central counties, private ownership as a percent of the total land area varies from 47 percent to 92 percent. In contrast, in south central and southeast counties, only 4 to 8 percent of the land area is under private ownership.



LAND AREA BY OWNERSHIP, UTAH 1967
(Total exceeds 100% due to duplication in one county.)

1/ Urban, roads, railroads, and small water areas.



USE OF NON-FEDERAL LANDS AND ADMINISTRATION OF FEDERAL LANDS, UTAH, 1967.

1/ Other Federal includes Bureau of Reclamation and Bureau of Sport Fisheries and Wildlife.

Cropland: Irrigated, Nonirrigated, and Total, Utah 1967.

County	Cropland				Total Land Area
	Irrigated	Non-irrigated	Total	Percentage of Total Land Area	
	Acres	Acres	Acres	Percent	Acres
Beaver....	39,441	668	40,109	2.4	1,653,760
Box Elder.	120,642	261,224	381,866	10.6	3,601,280
Cache.....	103,468	87,243	190,711	25.4	751,360
Carbon....	16,617	--	16,617	1.8	946,530
Daggett...	10,985	--	10,985	2.5	438,680
Davis.....	36,472	3,515	39,987	21.0	190,080
Duchesne..	74,963	46	75,009	3.6	2,083,900
Emery.....	46,295	--	46,295	1.6	2,844,580
Garfield..	31,869	1,863	33,732	1.0	3,318,400
Grand.....	5,934	165	6,099	0.3	2,366,080
Iron.....	59,146	21,990	81,136	3.8	2,112,000
Juab.....	23,844	68,371	92,215	4.2	2,183,680
Kane.....	8,912	5,011	13,923	0.5	2,570,240
Millard...	112,340	70,384	182,724	4.2	4,347,520
Morgan....	11,401	7,335	18,736	4.8	390,400
Piute.....	25,993	--	25,993	5.4	482,560
Rich.....	48,386	11,616	60,002	9.2	654,720
Salt Lake.	51,375	34,248	85,623	17.5	488,960
San Juan..	7,111	138,905	146,016	2.9	4,991,360
Sanpete...	84,130	12,575	96,705	9.5	1,022,080
Sevier....	64,836	2,612	67,448	5.5	1,234,560
Summit....	40,497	3,360	43,857	3.7	1,188,660
Tooele....	18,859	20,917	39,776	0.9	4,430,720
Uintah....	83,435	3,760	87,195	3.0	2,862,080
Utah.....	103,757	33,474	137,231	10.6	1,288,960
Wasatch...	26,959	--	26,959	3.5	762,240
Washington	21,751	16,318	38,069	2.5	1,553,280
Wayne.....	21,815	--	21,815	1.4	1,591,040
Weber.....	47,394	959	48,353	13.0	371,840
State.....	1,348,627	806,559	2,155,186	4.1	52,721,550

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U. S. Department of Agriculture, October, 1970.

Land Area in Utah by Ownership 1/, 1967.

County	State	Federal	Indian	Urban Roads & Railroads	Small Water 2/	Private	Total
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	156,330	1,266,443	--	10,646	187	220,154	1,653,760
Box Elder	199,880	1,633,700	--	26,284	150	1,741,266	3,601,280
Cache	28,680	268,131	--	18,235	919	435,395	751,360
Carbon	96,092	455,233	--	9,290	1,130	384,785	946,530
Daggett	24,171	348,341	--	2,066	550	63,552	438,680
Davis	812	42,671	--	23,646	118	122,833	190,080
Duchesne	74,502	980,597	240,164	4,317	733	783,587	2,083,900
Emery	304,624	2,325,218	--	12,095	220	202,423	2,844,580
Garfield	222,712	2,953,729	--	8,662	960	132,337	3,318,400
Grand 3/	362,105	2,053,635	200,274	10,149	20	157,488	2,366,080
Iron	134,803	1,215,203	--	14,698	20	747,276	2,112,000
Juab	178,526	1,569,966	39,038	13,569	50	382,531	2,183,680
Kane	217,996	2,200,574	--	6,346	36	145,288	2,570,240
Millard	400,955	3,286,068	--	24,602	1,240	634,655	4,347,520
Morgan	9,982	17,290	--	3,781	131	359,216	390,400
Piute	57,220	357,186	--	2,577	640	64,937	482,560
Rich	67,695	219,695	--	4,376	118	362,836	654,720
Salt Lake	4,286	110,335	--	66,118	243	307,978	488,960
San Juan	325,317	2,985,630	1,247,563	15,253	997	416,600	4,991,360
Sanpete	42,679	531,989	--	11,876	400	435,136	1,022,080
Sevier	46,187	939,842	--	12,285	247	235,999	1,234,560
Summit	11,481	516,934	--	6,610	1,380	652,255	1,188,660
Tooele	219,971	3,659,502	17,763	15,908	22	517,554	4,430,720
Uintah	232,625	1,856,529	411,023	10,576	1,396	349,931	2,862,080
Utah	64,136	572,302	--	52,414	403	599,705	1,288,960
Wasatch	56,252	450,035	--	3,622	253	252,078	762,240
Washington	94,556	1,171,516	--	10,232	140	276,836	1,553,280
Wayne	146,651	1,338,875	--	5,416	133	99,965	1,591,040
Weber	4,070	70,105	--	24,365	1,542	271,758	371,840
State Total	3,785,296	35,397,274	2,155,825	430,014	14,378	11,356,354	52,721,550

1/ Water areas of more than 40 acres and rivers wider than one-eighth mile have been excluded.
2/ Water areas of 2 to 40 acres and streams less than one-eighth mile in width.
3/ An overlap between Federal and non-Federal land in Grand County by 417,591 acres.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U.S. Department of Agriculture, October, 1970.

Use of Land in Utah 1/ Excluding Federal, Urban, and Small Water 2/, 1967.

County	Cropland	Pasture	Range	Forest	Other	Cross Total	Total All Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	40,109	4,001	265,721	58,031	8,622	376,484	1,653,760
Box Elder	381,866	108,365	1,097,909	195,992	157,014	1,941,146	3,601,280
Cache	190,711	1,138	162,889	101,042	8,295	464,075	751,360
Carbon	16,617	--	166,869	277,199	20,192	480,877	946,530
Daggett	10,985	12	55,617	17,896	3,213	87,723	438,680
Davis	39,987	1,683	50,793	23,603	7,579	123,645	190,080
Duchesne	75,009	1,622	393,956	558,557	69,109	1,098,253	2,083,900
Emery	46,295	--	325,791	54,565	80,396	507,047	2,844,580
Garfield	33,732	3,660	227,139	60,120	30,398	355,049	3,318,400
Grand	6,099	1,664	137,270	150,016	7,227	302,276	2,366,080
Iron	81,136	17,830	445,196	321,375	16,542	882,079	2,112,000
Juab	92,215	7,508	252,695	230,551	17,126	600,095	2,183,680
Kane	13,923	11,795	84,813	250,708	2,045	363,284	2,570,240
Millard	182,724	6,431	670,372	91,535	84,548	1,035,610	4,347,520
Morgan	18,736	5,212	192,045	148,087	5,118	369,198	390,400
Piute	25,993	438	67,311	16,248	12,167	122,157	482,560
Rich	60,002	42,173	271,614	47,048	9,694	430,531	654,720
Salt Lake	85,623	10,556	132,385	69,594	14,106	312,264	488,960
San Juan	146,016	60,531	1,263,007	462,318	57,608	1,989,480	4,991,360
Sanpete	96,705	19,937	138,981	209,779	12,413	477,815	1,022,080
Sevier	67,448	884	117,159	83,985	12,710	282,186	1,234,560
Summit	43,857	1,718	284,292	292,359	41,510	663,736	1,188,660
Tooele	39,776	2,326	418,469	214,332	80,385	755,288	4,430,720
Uintah	87,195	1,561	560,420	179,040	165,363	993,579	2,862,080
Utah	137,231	4,571	325,014	188,644	8,381	663,841	1,288,960
Wasatch	26,959	292	126,829	141,333	12,917	308,330	762,240
Washington	38,069	4,729	181,112	124,459	23,023	371,392	1,553,280
Wayne	21,815	--	171,645	10,465	42,691	246,616	1,591,040
Weber	48,353	1,770	117,803	86,346	21,556	275,828	371,840
State Total	2,155,186	322,407	8,705,116	4,665,227	1,031,948	16,879,884	52,721,550

1/ Water areas of more than 40 acres and rivers wider than one-eighth mile are excluded.
2/ Water areas of 2 to 40 acres and streams less than one-eighth mile in width.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U.S. Department of Agriculture, October, 1970.

Federal Land Acreage in Utah, Counties and State, 1967 1/.

County	Total Federal	National Forest	Bureau of Land Management	Department of Defense	Bureau of Sportfishery and Wildlife	National Park Service	Bureau of Reclamation 2/
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver.....	1,266,443	138,349	1,128,094	--	--	--	--
Box Elder...	1,633,700	95,650	1,252,795	207,000	65,926	--	12,329
Cache.....	268,131	267,073	160	--	--	--	898
Carbon.....	455,233	29,632	422,758	400	--	--	2,443
Daggett.....	348,341	235,309	110,117	--	--	--	2,915
Davis.....	42,671	35,123	23	7,321	--	--	204
Duchesne....	980,597	739,414	212,414	--	--	--	28,769
Emery.....	2,325,218	210,108	2,110,325	--	--	--	4,785
Garfield....	2,953,729	1,036,581	1,632,634	--	--	284,331	183
Grand.....	2,053,635	57,527	1,454,301	507,797	--	34,010	--
Iron.....	1,215,203	238,148	968,187	--	--	8,868	--
Juab.....	1,569,966	109,057	1,442,917	--	17,992	--	--
Kane.....	2,200,574	123,081	1,672,062	--	--	375,060	30,371
Millard.....	3,286,068	306,344	2,976,769	2,955	--	--	--
Morgan.....	17,290	12,536	2,175	--	--	--	2,579
Piute.....	357,186	190,397	166,789	--	--	--	--
Rich.....	219,695	53,874	165,821	--	--	--	--
Salt Lake...	110,335	89,399	8,006	12,877	--	--	53
San Juan....	2,985,630	450,432	1,955,319	--	--	579,060	819
Sanpete.....	531,989	387,599	144,390	--	--	--	--
Sevier.....	939,842	711,162	228,680	--	--	--	--
Summit.....	516,934	507,479	5,573	--	--	--	3,882
Tooele.....	3,659,502	152,223	1,948,417	1,558,862	--	--	--
Uintah.....	1,856,529	268,053	1,438,405	93,376	7,448	47,989	1,258
Utah.....	572,302	466,019	91,831	13,405	22	250	775
Wasatch.....	450,035	380,545	6,644	--	--	--	62,846
Washington..	1,171,516	392,696	598,018	--	--	122,874	57,928
Wayne.....	1,338,875	161,589	1,124,026	--	--	44,943	8,317
Weber.....	70,105	60,634	600	3,516	--	--	5,355
State Total 1967.....	35,397,274	7,906,033	23,268,250	2,407,509	91,388	1,497,385	226,709

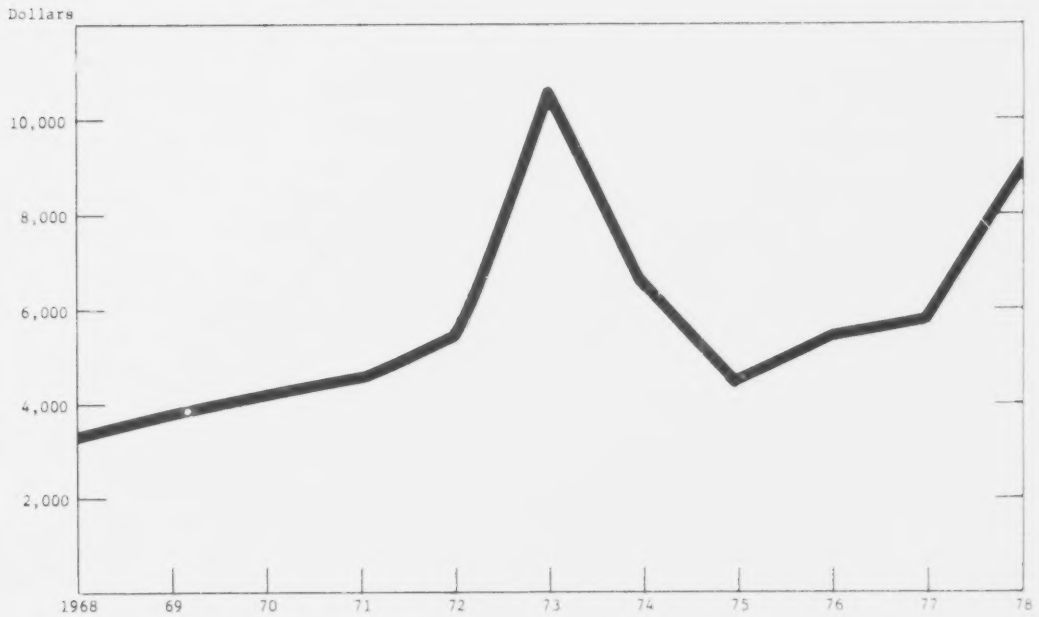
1/ Numerous changes have been made in acreage administered by various federal agencies. Current acreage figures should be obtained from the agency concerned.
2/ Acquired land administered by Bureau of Reclamation.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U.S. Department of Agriculture, October, 1970.

Farm Income

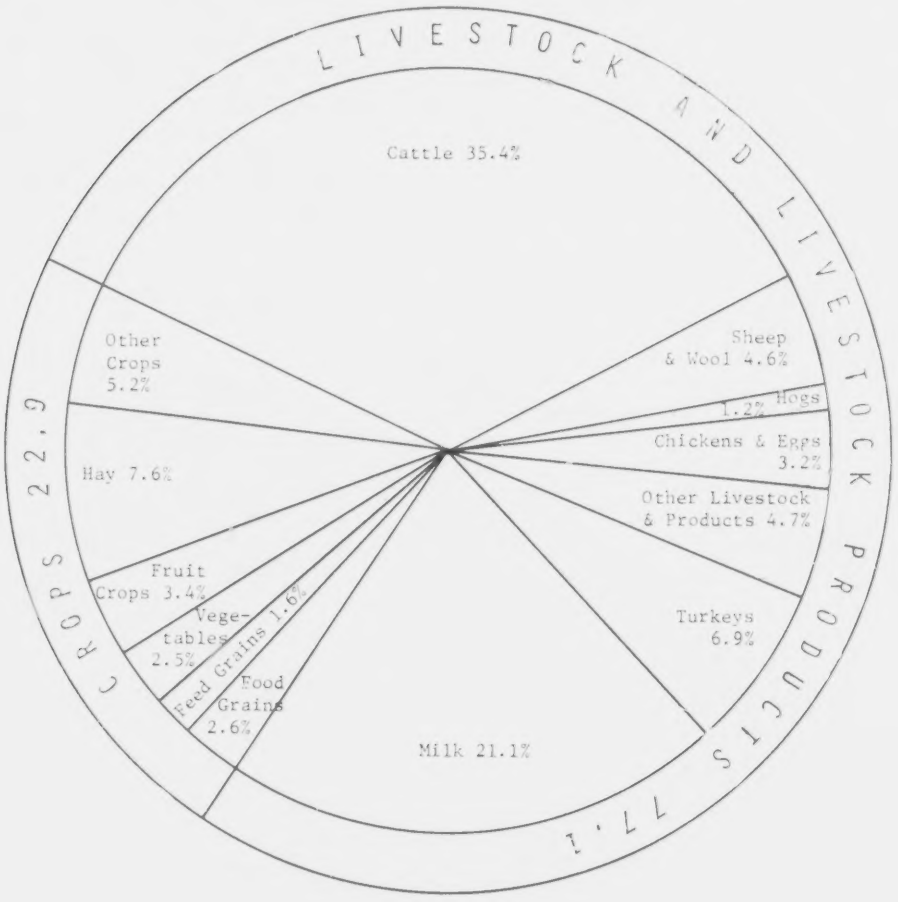
A farm income milestone was reached in 1979 as Utah farmers exceeded one-half billion dollars in cash receipts--up more than 11 percent from the previous year. Livestock and livestock products made the major contribution with a 12 percent increase in receipts. Livestock production has traditionally dominated the State's agriculture but in the last two years the role has become more dominant. In 1978 some 77 percent of all cash receipts were generated by the sale of livestock and their products. In 1979 the figure had risen to 78 percent. The strongest force behind the upturn in livestock importance has been the record high cattle prices. Cattle numbers began a steady decline in 1976 until a slight upturn was reported on January 1, 1980. The impact of the reduced numbers began to be felt early in 1978 when prices began to rise. By the end of the year, prices were at record high levels and the average for the year was a record high. The first quarter of 1979 brought more sharp increases before a leveling off came for the last three quarters. Another record high average was set in 1979--up $17 to $18 per hundred from the previous year. At the same time, cattle prices were at a record high; milk prices, lamb and wool prices, and turkey prices were also high. The result was a very strong year for Utah's livestock industry.

UTAH, NET FARM INCOME, 1968 - 1978



Crop producers also enjoyed a good year in 1979. The primary cash crops in the State are hay, wheat, fruit and vegetables. Hay production was at a record high and brought a near record price on the market. With strong demand and a good price, the 1979 hay crop helped boost the income to the State's farmers, and with roughly one-third of all crops cash receipts coming from the sale of hay, the contribution was significant. Wheat production was above the average of the past 5 years, and the price was the best since 1974. The 1979 fruit crop was one of the largest on record and with good prices, the crop was the most valuable the State has ever produced. Vegetables brought about the same income as 1978.

Looking back to 1978, the last year for which we have itemized data, there is a sharp 24 percent jump in cash receipts. Cattle again led the increase with an unequaled 70 percent increase in receipts. Poultry and eggs and dairy products also made substantial gains. Crop cash receipts in 1978 were unchanged from 1977 as gains in some categories were offset by losses in others. Wheat and fruits were down from the previous year while hay, barley, vegetables and other crops were up.



CASH RECEIPTS BY COMMODITIES
UTAH, 1978

Cash Receipts by Commodities, Utah, Selected Years.

Commodity	1950	1960	1975	1/1977		1/1978	
	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	Percent	1,000 Dollars	Percent
All Commodities.....	152,542	161,989	330,188	369,093	100.0	456,726	100.0
Livestock Products.....	113,303	127,250	234,410	264,606	71.6	352,199	77.1
Meat Animals.....	56,108	62,968	99,403	118,765	32.1	184,815	40.4
Cattle Calves.....	38,794	48,989	76,200	94,943	25.7	161,800	35.4
Sheep Lambs.....	13,535	11,402	17,234	17,334	4.7	17,456	3.8
Hogs.....	3,779	2,577	5,969	6,488	1.7	5,559	1.2
Dairy Products.....	21,717	28,843	77,919	87,581	23.8	96,265	21.1
Milk Wholesale.....	19,004	28,083	73,100	81,813	22.2	90,125	19.7
Milk Retail.....	2,080	540	4,819	5,768	1.5	6,140	1.3
Other.....	633	220	--	--	--	--	--
Poultry and Eggs.....	26,747	24,429	40,320	37,748	9.9	47,139	10.1
Turkeys.....	9,984	13,733	27,796	22,930	6.2	31,352	6.8
Eggs.....	12,936	8,638	11,265	13,320	3.6	14,496	3.2
Farm Chickens.....	2,876	305	119	133	*	188	*
Other.....	951	1,753	1,140	1,365	.4	1,103	.2
Misc. Livestock.....	8,731	11,010	16,768	20,512	5.9	23,980	5.5
Wool.....	6,844	4,351	2,702	3,572	.9	3,339	.8
Honey.....	270	272	1,089	1,214	.3	858	.1
Beeswax.....	21	15	39	61	*	43	*
Other.....	1,596	6,372	12,938	17,030	4.6	20,843	4.6
Crops.....	39,239	34,739	95,778	104,487	28.4	104,527	22.9
Food Grains.....	10,571	6,422	24,045	13,591	3.7	12,056	2.6
Wheat.....	10,537	6,418	24,031	13,591	3.7	12,056	2.6
Other.....	34	4	14	--	--	--	--
Feed Crops.....	5,864	8,634	31,706	37,603	10.2	41,943	9.2
Hay.....	2,886	6,202	21,658	31,461	8.5	34,760	7.6
Barley.....	2,551	2,087	7,185	3,772	1.1	4,792	1.0
Corn.....	46	135	2,534	2,122	.6	2,163	.5
Oats.....	381	210	329	248	*	228	*
Vegetables.....	8,661	6,654	12,517	9,888	2.6	11,480	2.5
Potatoes.....	3,031	3,371	5,272	3,621	.9	3,927	.8
Onions.....	373	434	2,164	2,892	.8	4,199	.9
Dry Beans.....	168	105	1,506	429	.1	162	*
Misc. Vegetables.....	5,089	2,744	3,575	2,946	.3	3,192	.3
Fruits, Nuts.....	2,019	3,309	7,972	23,854	6.5	15,328	3.3
Apples.....	667	512	2,857	4,880	1.3	4,520	1.0
Peaches.....	373	559	2,090	2,155	.5	2,499	.5
Cherries.....	239	829	1,882	14,765	4.0	6,637	1.5
Pears.....	112	497	591	1,152	.3	889	.2
Apricots.....	43	260	185	431	.1	230	*
Other Fruits, Nuts.....	585	652	367	471	.1	553	.1
All Other Crops.....	12,124	9,720	19,538	19,551	5.3	23,720	5.2
Sugar Beets.....	6,046	6,164	9,566	3,802	1.0	6,675	1.4
Greenhouse Nursery.....	1,382	1,600	4,060	7,337	2.0	8,071	1.8
Alfalfa Seed.....	4,428	1,722	3,892	4,449	1.2	5,034	1.1
Forest Products.....	3	30	120	140	.1	159	*
Other Crops.....	265	204	1,900	3,823	.1	3,781	.1

1/ Preliminary--Source: Farm Income Statistics, FIS 627 Supplement, January 1980, Economics, Statistics, and Cooperatives Service, USDA. Note: Data for some items are confidential and are not listed. Also, data for minor commodities are not shown separately. Both classes of items are included in group totals.

*Less than 0.05 percent. Percents may not be accurate to 0.1 in last place because of method of machine computation.

Cash Receipts, Gross and Net Income from Farming, Utah, Selected Years.

Item	1940	1/1950	1/1960	1/1970	1/1976	1/1977	1/1978	2/1979
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Total for State								
Cash Receipts:								
Crops	12.6	--	--	--	101.3	104.5	104.5	113.2
Livestock & Livestock Products	34.0	--	--	--	263.1	264.6	352.2	395.9
Crops and Livestock	46.6	152.5	162.8	222.1	364.4	369.1	456.7	509.1
Government Payments	2.8	2.4	6.6	11.1	5.6	18.6	20.2	--
Nonmoney Farm Income	--	13.4	13.4	16.8	39.4	42.4	43.8	--
Other Farm Income	--	0.2	1.6	2.3	5.7	6.6	7.2	--
Realized Gross Farm Income 3/	--	168.6	184.5	252.4	415.2	436.6	528.0	--
Farm Production Expenses	--	108.9	148.2	194.3	335.9	353.5	392.6	--
Realized Net Farm Income 4/	--	59.6	36.2	58.1	79.3	83.1	135.4	--
Net Change in Farm Inventories	--	4.4	-5.8	1.9	-7.0	-6.6	-15.9	--
Total Net Farm Income 5/	--	64.0	30.4	60.1	72.2	76.4	119.5	--
Average Per Farm		Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
Realized Gross Income per Farm	--	6,534	9,708	17,901	30,983	32,584	39,401	--
Realized Net Income per Farm	--	2,312	1,906	4,122	5,915	6,201	10,105	--
Total Net Income per Farm	--	2,481	1,599	4,261	5,389	5,704	8,919	--

1/ Source: Farm Income Statistics, Statistical Bulletin 627-October 1979, and Supplement to Statistical Bulletin 627 January 1980, Economics, Statistics, & Cooperatives Service, USDA. 2/ Source: "Agricultural Outlook", Economics, Statistics, & Cooperatives Service, USDA, April 1980. 3/ Cash receipts plus government payments, nonmoney farm income, and other farm income. 4/ Realized gross farm income less farm production expenses. 5/ Realized net farm income plus net change in farm inventories.

Farm Operating Expenses, Utah, Selected Years.

Item	1950	1960	1970	1/1976	1/1977	1/1978
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Feed	25.9	32.1	42.9	71.7	69.9	76.7
Livestock	12.2	11.6	14.6	15.7	17.3	24.0
Seed	2.7	2.2	2.6	5.5	5.2	5.6
Fertilizer & Lime	1.7	1.9	4.1	10.5	8.7	8.4
Repairs and Operation of Capital Items	15.8	21.4	25.2	46.6	53.0	56.8
Miscellaneous	11.5	16.4	27.1	59.9	64.5	70.8
Hired Labor	14.7	15.0	15.1	23.9	26.6	29.1
Total Current Farm Operating Expenses	84.5	100.7	131.6	233.7	245.2	271.4
Depreciation & Other Consumption of Farm Capital	13.3	20.9	33.7	65.0	71.1	78.2
Taxes of Farm Property	5.7	8.0	10.4	18.2	16.4	17.1
Interest on Farm Mortgage Debt	2.1	5.2	8.0	15.8	17.7	22.2
Net Rent to Nonfarm Landlords	2.9	4.9	5.5	3.2	3.1	3.6
Total Production Expenses (Revised 9/79)	108.9	148.2	194.3	335.9	353.5	392.6

1/ Source: State Farm Income Statistics, Supplement to Statistical Bulletin No. 627 January 1980, Economics, Statistics, & Cooperatives Service, USDA.

Field & Seed Crops

Weather in the spring of 1979 was typical of Utah. Occasional periods of rain and snow and cool temperatures got planting off to a slow start. In Southern counties precipitation was well above normal. Fields in San Juan stayed wet so late into the season that growers had to switch from dry beans to wheat. In early May weather improved and allowed planting to catch up, but a light frost the second week set back progress again.

A storm around mid-June had brought some scattered frost and some hail damage to Davis, Weber and Box Elder Counties. The damage was mostly to fruit, but also affected field crops.

By late June hot dry weather had set in and was taking its toll of dry land crops and ranges. Fortunately, the winter snows assured an adequate supply of irrigation water.

The remainder of the summer was mostly dry and hot. Yield of dry land wheat was reduced below year-earlier levels as the hot weather accelerated ripening. Irrigated crops made reasonably good progress. Some concerns surfaced on the early tasseling of corn and the effects of the weather on the fruit crop. Corn, it turned out, yielded a respectable 94 bushels for grain and an excellent 19.5 tons for silage. The fruit crop did suffer some quality damage--size was reduced and apples did not color well.

Dry conditions continued into the late summer and fall. Much of the winter wheat was planted in conditions too dry for good germination. Harvesting weather however, was ideal as dry frost-free weather continued into October. Fall ranges were rated only fair-to-poor as livestock moved off the high mountain pastures, but hay supplies looked adequate for supplemental feeding.

Winter Wheat: A decline in winter wheat production in Utah during 1979 was noted in spite of an increase in acreage harvested. Production totaled 5,040,000 bushels--off 10 percent from the 5,626,000 bushels produced a year earlier. Acreage harvested totaled 210,000--an 8 percent increase from a year earlier. The average yield per acre this year, however, was 24.0 bushels compared with the 1978 average of 29.0 bushels per acre. Winter wheat seedings for the 1980 crop were indicated at 249,000 acres, an increase of 6 percent from the 235,000 acres planted a year earlier.

Spring Wheat: Production of spring planted wheat totaled 1,640,000 bushels during 1979, an increase of 57 percent from the previous season. Acreage harvested totaled 40,000 acres, an increase of 38 percent from the 29,000 acres harvested a year earlier. Much of the increase was in the Wasatch Front counties where the space was normally utilized with sugar beets on irrigated land. The average yield per acre of the 1979 crop was 41.0 bushels compared with 36.0 a year earlier.

Oats: Production of oats for grain totaled 708,000 bushels during 1979. This was an increase of 23 percent from last year's crop. Total acreage harvested at 12,000 was unchanged from a year earlier, but yield per acre increased from 48.0 bushels to 59.0 bushels.

Barley: Total barley production during 1979 totaled 9,039,000 bushels, an increase of 20 percent from a year earlier. Acreage harvested declined 3 percent, from 135,000 in 1978 to 131,000. Yield per acre, on the other hand, increased from an average of 56.0 bushels last year to 69.0 bushels for the current crop.

All Hay: Utah producers increased all hay production by 7 percent during 1979. This year's total tonnage equaled 2,026,000 tons compared with 1,886,000 tons produced a year earlier. Alfalfa hay accounted for 1,805,000 tons--an increase of 8 percent over the 1,669,000 tons produced in 1978. All other types of hay totaled 221,000 tons this year. The 1978 total was 217,000 tons.

Corn for Grain: Production of corn for grain totaled 1,504,000 bushels during the 1979 season. This compared with 1,440,000 bushels in the 1978 season--an increase of 4 percent. Average yields increased from 90.0 bushels per acre in 1978 to 94.0 bushels per acre in 1979. Acreage harvested remained unchanged.

Corn Silage: Increases in both acreage harvested and yield per acre combined to increase Utah corn silage production by nearly one-third. Acreage harvested in 1979 was 76,000 acres--up 7 percent from a year earlier. Average yield was 19.5 tons per acre compared with 16.0 tons in 1978. These factors combined made possible a crop of 1,482,000 tons of corn silage during the 1979 season. The 1978 crop was 1,136,000 tons.

Farmer prepares seedbed for spring planting.

Farmland is sectioned off to permit efficient irrigation.

Dry Edible Beans: Dry bean producers averaged 400 pounds per acre during 1979 to provide the best yield since 1975 when the yield was 420 pounds. Acreage harvested was limited to 8,000 acres because of difficulty in getting the crop planted in the spring. Excessive moisture kept the low lands too wet for land preparation. Total 1979 production was 32,000 hundredweight. A year earlier production was 24,000 hundredweight.

Potatoes: Production of fall potatoes totaled 1,300,000 hundredweight in Utah during 1979--15 percent more than the 1978 crop of 1,127,000 hundredweight. Acreage harvested, at 5,200 acres, was 13 percent more than a year earlier. Also, production per acre, at 250 hundredweight, was 5 hundredweight higher than last year.

Sugar Beets: Production of sugar beets declined drastically during 1979 because processing companies have closed down their plants in the State. Acreage harvested dwindled to 1,500 acres. A year earlier acreage totaled 12,600 acres. Production in 1979 was only 29,000 tons, the lowest on record. Yield per acre, at 19.4 tons, was the highest since 1972.

Some grain is stored in farm graineries.

Heavy equipment is often used to prepare soil for planting.

Corn: Acreage Planted and Acreage Harvested by Use, Utah, Selected Years.

Year	Planted Total	Harvested			
		Total	For Silage	For Grain	For Forage 1/
	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres
1940	29	27	10	10	7
1950	31	30	21	5	4
1960	49	47	41	3	3
1970	63	62	49	10	3
1971	75	73	56	15	2
1972	80	79	69	8	2
1973	90	89	74	13	2
1974	95	94	78	14	2
1975 2/	100	98	80	15	3
1976 2/	100	98	80	15	3
1977	80	78	62	13	3
1978	92	90	71	16	3
1979	96	94	76	16	2

1/ Includes corn hogged, grazed, and that cut and fed without removing ears. 2/ Record high acreage of corn.

Corn for Silage: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production
	1,000 Acres	Ton	1,000 Tons	Dollars per Ton	1,000 Dollars
1940	10	9.4	94	--	--
1950	21	11.0	231	7.50	1,732
1960	41	14.5	594	8.00	4,752
1970	49	18.0	882	9.80	8,644
1971	56	17.5	980	10.00	9,800
1972	69	17.0	1,173	11.50	13,490
1973	74	17.5	1,295	14.50	18,778
1974	78	17.0	1,326	17.20	22,807
1975 1/	80	18.0	1,440	15.90	22,896
1976 1/	80	16.0	1,280	17.30	22,144
1977	62	17.0	1,054	17.20	18,129
1978	71	16.0	1,136	15.80	17,949
1979	76	19.5	1,482	18.30	27,121

1/ Record high acreage of corn harvested for silage.

Corn Harvested for Grain: Acreage Harvested, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 1/
	1,000 Acres	Bushel	1,000 Bushels	Dollars per Bu.	1,000 Dollars	1,000 Bushels	1,000 Dollars
1940	10	29.0	290	--	--	--	--
1950	5	50.0	250	--	--	--	--
1960	3	64.0	192	1.50	288	48	72
1970	10	90.0	900	1.40	1,260	495	693
1971	15	78.0	1,170	1.40	1,638	725	1,015
1972	8	92.0	736	1.90	1,398	420	798
1973	13	88.0	1,144	2.78	3,180	744	2,068
1974	14	80.0	1,120	3.10	3,472	739	2,291
1975	15	86.0	1,290	3.00	3,870	903	2,709
1976	15	90.0	1,350	2.55	3,443	945	2,410
1977	13	89.0	1,157	2.45	2,835	764	1,872
1978 2/	16	90.0	1,440	2.65	3,816	994	2,634
1979 2/	16	94.0	1,504	2.95	4,437	1,053	3,106

1/ Quantity sold times season average price. 2/ Record high acreage of corn harvested for grain.

Winter Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars
1940.....	191	180	19.0	3,420	.63	2,155
1950.....	344	326	16.0	5,216	1.86	9,702
1953 1/.....	362	342	17.0	5,814	1.90	11,047
1960.....	193	181	18.5	3,348	1.71	5,725
1970.....	200	191	27.0	5,157	1.41	7,271
1971.....	196	185	29.0	5,365	1.40	7,511
1972.....	218	205	26.5	5,433	1.77	9,616
1973.....	235	207	24.0	4,968	4.16	20,667
1974.....	259	243	26.0	6,318	4.01	25,335
1975.....	250	238	24.0	5,712	3.45	19,706
1976.....	250	222	23.5	5,217	2.57	13,408
1977.....	225	180	23.0	4,140	2.43	10,060
1978.....	221	194	29.0	5,626	2.99	16,822
1979.....	235	210	24.0	5,040	3.65	18,396

1/ Record high acreage of winter wheat harvested.

Spring Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars
1918 1/.....	--	160	25.0	4,000	1.88	7,520
1940.....	68	66	31.0	2,046	.65	1,330
1950.....	84	82	32.0	2,624	1.86	4,881
1960.....	52	48	40.5	1,944	1.61	3,130
1970.....	23	21	44.0	924	1.36	1,257
1971.....	21	20	44.0	880	1.40	1,232
1972.....	17	16	44.0	704	1.75	1,232
1973.....	50	47	29.0	1,363	4.07	5,547
1974.....	60	52	32.0	1,664	3.94	6,556
1975.....	52	44	33.0	1,452	3.42	4,966
1976.....	50	42	31.0	1,302	2.52	3,281
1977.....	26	24	24.0	576	2.43	1,400
1978.....	35	29	36.0	1,044	2.94	3,069
1979.....	43	40	41.0	1,640	3.50	5,740

1/ Record high acreage of spring wheat harvested.

All Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1940.....	259	246	22.2	5,466	.64	3,498		
1950.....	428	408	19.2	7,840	1.86	14,583	5,108	9,501
1953 2/.....	467	444	20.7	9,180	1.89	14,350		
1960.....	245	229	23.1	5,292	1.67	8,855	4,172	6,967
1970.....	223	212	28.7	6,081	1.40	8,528	5,333	7,479
1971.....	217	205	30.5	6,245	1.40	8,734	5,475	7,658
1972.....	235	221	27.8	6,137	1.77	10,890	5,415	9,609
1973.....	285	254	24.9	6,331	4.14	26,214	5,574	23,080
1974.....	319	295	27.1	7,982	4.00	31,891	7,465	29,826
1975.....	302	282	25.4	7,164	3.44	24,672	6,390	22,007
1976.....	300	264	24.7	6,519	2.56	16,689	5,756	14,738
1977.....	251	204	23.1	4,716	2.43	11,460	4,004	9,729
1978.....	256	223	29.9	6,670	2.98	19,891	6,016	17,943
1979.....	278	250	26.7	6,680	3.60	24,054	5,952	21,506

1/ Quantity sold times season average price excl. price support. 2/ Record high acreage of all wheat harvested.

Barley: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1940.....	109	107	41.0	4,387	.46	2,018	1,009	464
1950.....	146	141	44.0	6,204	1.16	7,197	2,109	2,446
1957 2/.....	197	190	45.0	8,550	.93	7,952		
1960.....	160	147	43.5	6,394	1.00	6,394	1,982	1,982
1970.....	148	141	58.5	8,249	1.07	8,826	3,217	3,442
1971.....	151	142	60.0	8,520	1.14	9,713	2,726	3,108
1972.....	143	132	61.0	8,052	1.36	10,951	3,221	4,381
1973.....	147	135	57.0	7,695	2.35	18,083	2,847	6,690
1974.....	144	131	54.0	7,074	2.86	20,232	2,830	8,094
1975.....	144	135	60.0	8,100	2.50	20,250	2,835	7,088
1976.....	151	126	55.0	6,930	2.21	15,315	2,633	5,819
1977.....	144	115	54.0	6,210	1.99	12,358	2,174	4,326
1978.....	152	135	56.0	7,560	2.04	15,422	2,722	5,553
1979.....	142	131	69.0	9,039	2.40	21,694	3,344	8,026

1/ Quantity sold times season average price--excluding price support. 2/ Record high acreage of barley harvested.

Oats: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1910 2/.....	--	82	39.5	3,239	.49	1,587		
1940.....	46	39	39.0	1,521	.34	517	167	57
1950.....	56	51	45.0	2,295	.89	2,043	367	327
1960.....	29	23	46.0	1,058	.83	878	201	167
1970.....	24	17	60.0	1,020	.76	775	255	194
1971.....	23	14	56.0	784	.82	643	157	129
1972.....	24	13	52.0	676	1.05	710	142	149
1973.....	23	14	54.0	756	1.75	1,323	181	317
1974.....	21	12	53.0	636	1.85	1,177	159	294
1975.....	22	13	56.0	728	1.80	1,310	175	315
1976.....	22	12	57.0	684	1.75	1,197	164	287
1977.....	20	10	55.0	550	1.45	798	154	223
1978.....	21	12	48.0	576	1.55	893	150	233
1979.....	21	12	59.0	708	1.70	1,204	177	301

1/ Quantity sold times season average price. 2/ record high acreage of oats harvested.

Dry Beans: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Pounds	1,000 Cwt.	Dollars per Cwt.	1,000 Dollars	1,000 Cwt.	1,000 Dollars
1940.....	9	9	500	40	3.55	142	38	135
1950.....	12	11	280	27	6.40	173	26	166
1960.....	8	6	300	18	7.10	128	17	121
1970 2/.....	20	20	430	86	7.90	679	83	656
1971.....	21	19	330	63	10.40	655	60	624
1972.....	20	13	400	52	9.10	473	50	455
1973.....	17	17	450	76	32.90	2,500	74	2,435
1974.....	16	16	310	50	29.60	1,480	48	1,421
1975.....	17	17	420	71	18.60	1,321	69	1,283
1976.....	13	13	390	51	12.10	617	50	605
1977.....	5	1	200	2	19.90	40	2	40
1978.....	9	8	300	24	17.90	430	23	412
1979.....	8	8	400	32	28.40	909	31	880

1/ Quantity sold times season average price. 2/ Record high acreage of dry beans harvested.

Potatoes: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Cwt.	1,000 Cwt.	Dollars per Cwt.	1,000 Dollars
1940.....	13.0	12.9	102	1,316	.70	921
1943 1/.....	20.2	19.6	105	2,058	2.12	4,356
1950.....	13.5	13.0	147	1,911	1.75	3,344
1960.....	8.3	7.9	170	1,343	2.28	3,062
1970.....	6.0	5.9	170	1,003	2.38	2,387
1971.....	5.4	5.3	160	848	1.96	1,662
1972.....	4.3	4.3	235	1,011	3.20	3,235
1973.....	5.1	5.0	220	1,100	3.30	3,630
1974.....	6.4	6.3	235	1,481	3.80	5,628
1975.....	5.9	5.8	260	1,508	3.70	5,580
1976.....	5.3	5.2	240	1,248	3.10	3,869
1977.....	6.0	5.9	240	1,416	3.04	4,305
1978.....	4.7	4.6	245	1,127	4.10	4,621
1979.....	5.3	5.2	250	1,300	4.30	5,590

1/ Record high acreage of potatoes harvested.

Potatoes: Production, Farm Use, Sales, and Value, Utah, Selected Years.

Year	Production	Total Used for Seed 1/	Farm Disposition			Price per Cwt.	Value of Sales
			For Seed, Feed, and Household Use	Feed, Shrinkage, and Loss	Sold		
	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1940.....	1,316	--	--	--	915	.70	640
1950.....	1,911	--	--	--	1,540	1.75	2,695
1960.....	1,343	118	119	117	1,107	2.28	2,524
1970.....	1,003	81	49	90	864	2.38	2,056
1971.....	848	69	53	85	710	1.96	1,392
1972.....	1,011	92	38	81	892	3.20	2,854
1973.....	1,100	128	29	88	983	3.30	3,244
1974.....	1,481	130	18	131	1,332	3.80	5,062
1975.....	1,508	117	28	181	1,299	3.70	4,806
1976.....	1,248	126	28	87	1,133	3.10	3,512
1977.....	1,416	94	24	160	1,232	3.04	3,745
1978.....	1,127	108	18	107	1,002	4.10	4,108

1/ Includes seed purchased and seed used on farms where grown.

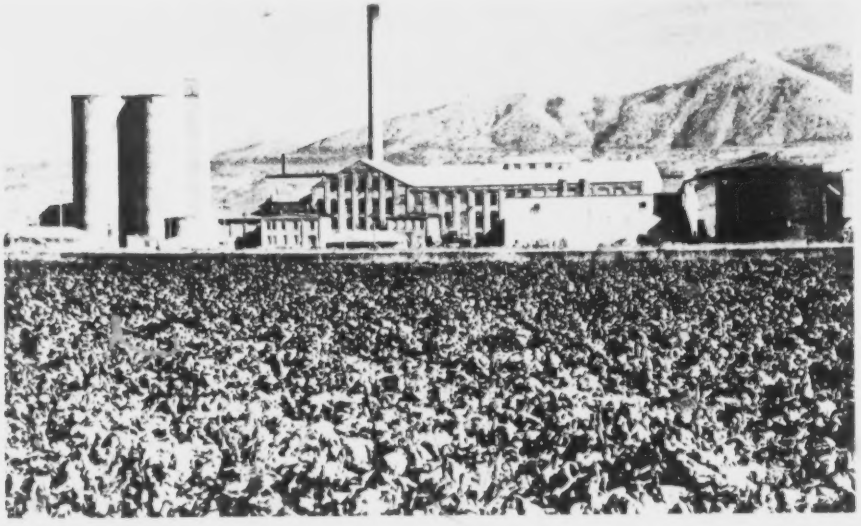
Potatoes: Production and Total Stocks, Utah, 1963-79.

Year	Production	Total Stocks				
		December 1	January 1 Following Year	February 1 Following Year	March 1 Following Year	April 1 Following Year
	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.
1963.....	1,116	840	730	540	380	
1964.....	1,200	820	610	410	250	
1965.....	1,247	920	720	480	325	
1966.....	1,383	1,010	810	615	435	
1967.....	1,406	1,000	850	700	470	
1968.....	1,040	600	450	300	170	
1969.....	1,311	850	640	470	340	
1970.....	1,003	570	450	300	240	
1971.....	848	550	410	270	200	
1972.....	1,011	690	520	350	190	80
1973.....	1,100	800	580	400	230	--
1974.....	1,481	1,040	820	570	240	100
1975.....	1,508	1,160	810	570	300	170
1976.....	1,248	950	790	600	400	180
1977.....	1,416	980	720	450	285	140
1978.....	1,127	800	700	550	300	150
1979.....	1,300	1,050	900	720		

Sugar Beets: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price 1/	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Tons	1,000 Tons	Dollars per ton	1,000 Dollars
1920 2/.....	116	113	12.4	1,390	12.03	16,713
1940.....	51	48	10.5	504	5.08	2,560
1950.....	40	38	14.1	535	11.30	6,046
1960.....	32.9	31.6	17.0	536	11.50	6,164
1970.....	31.7	29.1	16.5	479	15.50	7,425
1971.....	25.5	24.8	18.7	463	16.20	7,501
1972.....	22.5	22.0	19.6	431	17.50	7,543
1973.....	19.3	18.4	17.5	322	34.80	11,206
1974.....	17.7	17.0	17.4	296	45.50	13,468
1975.....	23.2	22.5	15.7	353	27.10	9,566
1976.....	18.4	18.0	17.6	317	19.40	6,150
1977.....	10.4	9.8	17.7	173	26.70	4,619
1978.....	12.7	12.6	17.9	225	29.00	6,525
1979.....	1.6	1.5	19.4	29		

1/ Does not include government payments under the Sugar-Act. 2/ Record high acreage of sugar beets harvested.



One of the oldest operating beet sugar factories in continuous operation in the United States. This U and I plant at Garland, nevertheless, utilizes many recent technological improvements.

All Hay: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 2/
	1,000 Acres	Tons	1,000 Tons	Dollars per ton	1,000 Dollars	1,000 Tons	1,000 Dollars
1930 1/.....	686	2.02	1,385	8.60	11,894		
1940.....	553	1.92	1,059	10.50	11,120	191	2,006
1950.....	534	1.91	1,020	22.20	22,644	143	3,175
1960.....	566	2.26	1,281	26.40	33,818	243	6,415
1970.....	563	2.91	1,638	25.00	40,950	426	10,650
1971.....	578	2.74	1,584	29.50	46,728	317	9,352
1972.....	586	2.58	1,513	35.00	52,955	348	12,180
1973.....	584	2.84	1,660	38.50	63,910	432	16,632
1974.....	584	2.96	1,729	46.50	80,399	450	20,925
1975.....	584	2.86	1,670	52.50	87,675	468	24,570
1976.....	580	3.14	1,820	53.50	97,370	582	31,137
1977.....	584	3.15	1,842	58.00	106,836	553	32,074
1978.....	594	3.18	1,886	47.00	88,642	585	27,495
1979.....	598	3.39	2,026	56.50	114,469	608	34,352

1/ Record high acreage of all hay harvested. 2/ Quantity sold times season average price.

Hay Crops: Acreage, Yield, Production, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Year	Acres Harvested	Yield per Acre	Production
	1,000 Acres	Tons	1,000 Tons		1,000 Acres	Tons	1,000 Tons
	Alfalfa Hay				All Other Hay 1/		
1940.....	431	2.10	905	1940.....	122	1.26	154
1950.....	361	2.20	794	1950.....	173	1.31	326
1960.....	439	2.55	1,119	1960.....	127	1.28	162
1970.....	441	3.25	1,433	1970.....	122	1.68	205
1971.....	450	3.05	1,373	1971.....	128	1.65	211
1972.....	455	2.85	1,297	1972.....	131	1.65	216
1973.....	460	3.15	1,449	1973.....	124	1.70	211
1974.....	460	3.30	1,518	1974.....	124	1.70	211
1975.....	460	3.20	1,472	1975.....	124	1.60	198
1976.....	460	3.50	1,610	1976.....	120	1.75	210
1977.....	465	3.50	1,628	1977.....	119	1.80	214
1978.....	470	3.55	1,669	1978.....	124	1.75	217
1979.....	475	3.80	1,805	1979.....	123	1.80	221

1/ Includes clover-timothy hay, grain hay, other tame hay and wild hay for which separate estimates were discontinued in 1971.

Alfalfa Seed: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production Clean	Season Average Price	Value of Production	Sales	
						Quantity	Value 2/
	1,000 Acres	Pounds	1,000 Pounds	Dollars per cwt.	1,000 Dollars	1,000 Pounds	1,000 Dollars
1925 1/.....	71.7	275	19,718	14.80	2,918	Not available	
1940.....	54	83	4,500	14.30	644	Not available	
1950.....	57	165	9,405	49.50	4,655	8,888	4,400
1960.....	45	185	8,325	24.30	2,023	8,500	2,017
1970.....	16	195	3,120	33.00	1,030	3,089	1,019
1971.....	14	290	4,060	32.20	1,307	4,019	1,294
1972.....	9	330	2,970	47.50	1,411	2,940	1,397
1973.....	10	230	2,300	103.00	2,369	2,277	2,345
1974.....	17	300	5,100	77.00	3,927	5,049	3,888
1975.....	13	280	3,640	62.00	2,257	3,604	2,234
1976.....	11	215	2,365	105.00	2,483	2,318	2,434
1977.....	14	260	3,640	124.00	4,514	3,604	4,469
1978.....	15	290	4,350	117.00	5,090	4,307	5,039
1979.....	17	280	4,760	104.00	4,950	4,712	4,900

1/ Record high acreage of alfalfa seed harvested. 2/ Quantity sold times season average price.

Grain Stocks - Wheat: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	4,704	3,685	2,587	--	588
1960.....	3,122	2,487	1,005	--	370
1970.....	3,588	2,068	1,034	--	304
1975.....	3,224	2,364	1,648	1,075	2/
1976.....	3,585	2,477	1,891	1,304	--
1977.....	2,782	2,264	1,698	1,132	--
1978.....	3,002	2,668	2,001	934	
1979.....	3,674	2,605	1,403		
			Off Farms 1/		
1950.....	7,535	6,628	4,908	--	3,398
1960.....	7,116	5,867	4,369	--	2,105
1970.....	5,424	5,323	4,252	--	2,264
1975.....	7,841	6,391	5,001	3,415	2/
1976.....	7,816	6,570	3,804	3,651	--
1977.....	6,215	4,859	3,648	2,703	--
1978.....	7,293	5,575	3,734	3,250	
1979.....	6,430	5,867	4,153		
			Total All Positions		
1950.....	12,239	10,313	7,495	--	3,986
1960.....	10,238	8,354	5,374	--	2,475
1970.....	9,012	7,391	5,286	--	2,568
1975.....	11,065	8,755	6,649	4,490	2/
1976.....	11,401	9,047	5,695	4,955	--
1977.....	8,997	7,123	5,346	3,835	--
1978.....	10,295	8,243	5,735	4,184	
1979.....	10,104	8,472	5,556		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stock - Oats: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	2,020	1,606	918	--	344
1960.....	984	730	296	--	148
1970.....	898	541	377	--	214
1975.....	582	408	255	109	2/
1976.....	479	287	185	82	--
1977.....	440	275	193	110	--
1978.....	403	317	173	104	
1979.....	531	425			
			Off Farms 1/		
1950.....	167	244	154	--	96
1960.....	1,085	802	376	--	223
1970.....	218	216	145	--	104
1975.....	125	105	88	91	2/
1976.....	144	225	115	108	--
1977.....	123	92	79	67	--
1978.....	139	116	216	45	
1979.....	177	124			
			Total All Positions		
1950.....	2,187	1,850	1,072	--	440
1960.....	1,085	802	376	--	223
1970.....	1,116	757	522	--	318
1975.....	707	513	343	200	2/
1976.....	623	512	300	190	--
1977.....	563	367	272	177	--
1978.....	542	433	389	149	
1979.....	708	549			

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stocks - Barley: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	4,219	3,102	1,737	--	496
1960.....	4,923	3,197	1,598	--	895
1970.....	5,939	3,795	2,062	--	577
1975.....	4,617	3,645	1,944	1,377	2/
1976.....	3,604	2,772	1,663	832	--
1977.....	3,416	2,795	1,677	745	--
1978.....	3,780	3,100	1,890	907	
1979.....	4,971	3,887			
			Off Farms 1/		
1950.....	1,642	974	690	--	523
1960.....	1,653	1,087	848	--	477
1970.....	3,990	3,110	1,364	--	755
1975.....	3,029	2,200	1,410	1,091	2/
1976.....	4,290	3,265	1,566	1,418	--
1977.....	3,610	2,681	1,363	567	--
1978.....	3,701	3,117	1,707	1,160	
1979.....	5,273	3,497			
			Total All Positions		
1950.....	5,861	4,076	2,427	--	1,019
1960.....	6,576	4,284	2,446	--	1,372
1970.....	9,929	6,905	3,426	--	1,332
1975.....	7,646	5,845	3,354	2,468	2/
1976.....	7,894	6,037	3,229	2,250	--
1977.....	7,026	5,476	3,040	1,312	--
1978.....	7,481	6,217	3,597	2,067	
1979.....	10,244	7,384			

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stocks - Corn: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

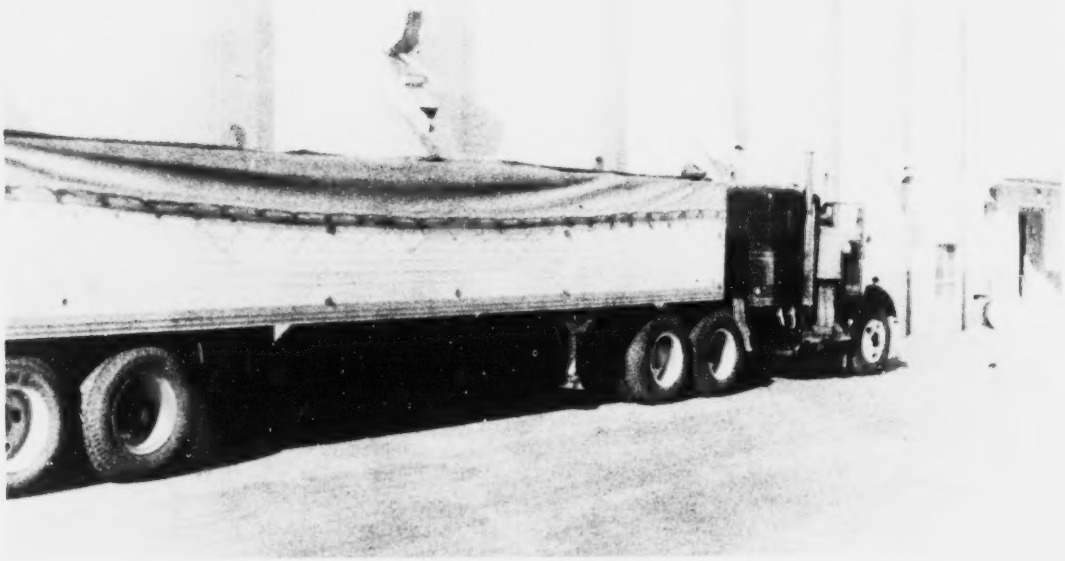
Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1951.....	88	50	--	4	2
1961.....	111	50	--	8	2
1966.....	135	63	--	11	7
1970.....	1/	1/	--	1/	1/
1975.....	437	224	--	112	56
1976.....	542	284	168	4/	90
1977.....	608	311	135	--	54
1978.....	451	220	93	--	35
1979.....	648	245	115	--	72
1980.....	647	256			
			Off Farms 2/		
1951.....	70	88	--	115	59
1961.....	426	390	--	552	99
1966.....	3/	3/	--	3/	113
1970.....	345	236	--	208	68
1975.....	380	315	--	174	137
1976.....	255	265	222	4/	150
1977.....	479	248	206	--	207
1978.....	287	289	215	--	79
1979.....	346	224	120	--	143
1980.....	657	513			
			Total All Positions		
1951.....	158	138	--	119	61
1961.....	537	440	--	560	101
1966.....	3/	3/	--	3/	120
1970.....	345	236	--	208	68
1975.....	817	539	--	286	193
1976.....	797	549	390	4/	240
1977.....	1,087	559	341	--	261
1978.....	738	509	308	--	114
1979.....	994	469	235	--	215
1980.....	1,304	769			

1/ Estimate discontinued. 2/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 3/ Not published to avoid disclosure of individual operations. 4/ Midyear estimate changed from July 1 to June 1 in 1976.

Grain Stocks - Sorghum: Off Farms and Total by Quarters, Utah, Selected Years.

Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			Off Farms 1/		
1961.....	2/	2/	--	1,558	2/
1966.....	272	2/	--	87	154
1970.....	142	146	--	247	298
1975.....	30	71	--	139	181
1976.....	73	22	51	3/	69
1977.....	158	2/	2/	--	28
1978.....	100	155	87	--	92
1979.....	70	71	20		70
1980.....	27				

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Not published to avoid disclosure of individual operations. 3/ Midyear estimate changed from July 1 to June 1 in 1976.



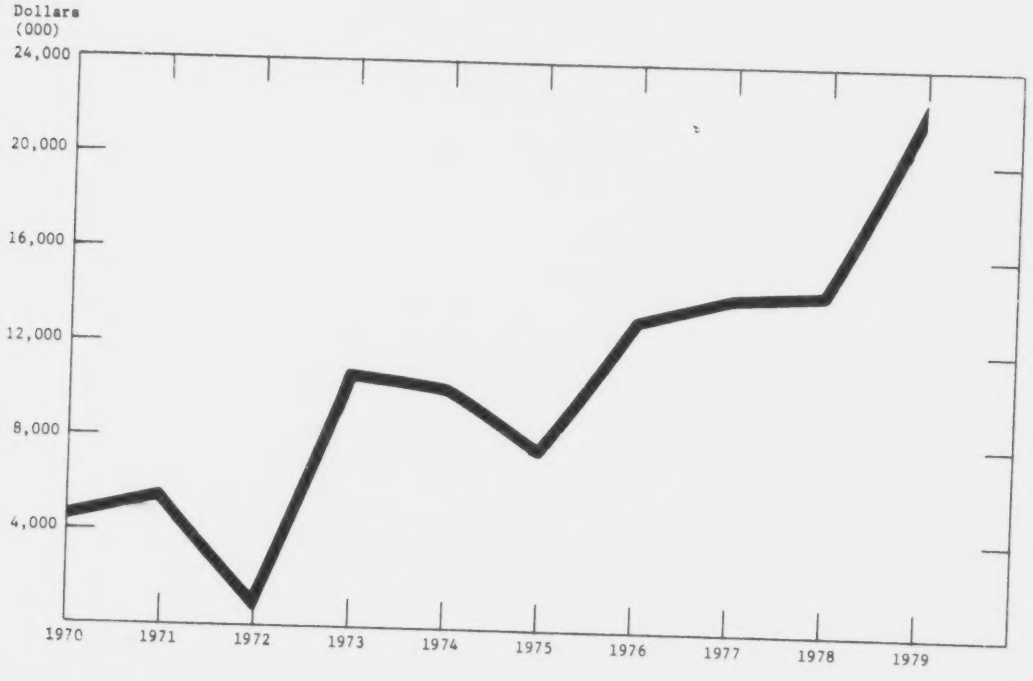
Wheat is loaded onto trucks for transport all over the nation.

Fruits

The 1979 fruit crop was valued at $22.3 million, 56 percent above the previous record set the year before. A very good production year (record output for peaches and tart cherries) and strong prices combined to produce the new record. The production season was rare in that all six fruits were at very high levels of production. Until recently, apples had been the high value fruit crop in the State, but for three of the last four years, tart cherries have topped the list. At $7.4 million, tart cherries accounted for one-third of the value of all fruit. Apples were not far behind with 27 percent.

With the exception of tart cherries, which are nearly all processed, most of the State's fruit crop is marketed through fresh market channels. In the last few years, essentially all the peaches, pears and apricots were sold as fresh fruit. Looking at the 1973-77 average, about one-fourth of the apple crop has made its way into processed products such as juice, sauce, dessert fillings, etc. About the same percent (25) of the sweet cherry crop was processed as was the apple crop. Cherries are usually brined or frozen for use in desserts. Traditionally, much of the local sales have been through roadside stands, but recently a new innovation--pick-your-own operations--has begun to appear. The appeal of this way of marketing is that the consumer can have a good product at a lower price, and the producer can solve some of his labor problems.

UTAH VALUE OF FRUIT PRODUCTION 1970 - 1979



Utah Fruit - Production and Value, 1966-1979.

Year	Apples	Peaches	Pears	Sweet Cherries	Tart Cherries	Apricots	Total
			Utilized Production - Tons				
1966.....	6,550	3,600	3,775	500	2,800	200	17,425
1967.....	10,450	6,500	4,130	3,200	7,100	1,425	32,805
1968.....	14,000	8,000	(6,300)	(7,700)	4,700	1,800	42,500
1969.....	21,000	7,500	5,500	3,300	6,200	(3,100)	46,600
1970.....	13,750	6,500	4,300	2,300	4,900	1,300	33,050
1971.....	12,500	6,500	4,200	4,600	6,700	2,500	37,000
1972.....	2,000	750	200	1/	650	0	3,600
1973.....	(26,350)	6,000	5,830	6,500	(8,500)	2,170	55,350
1974.....	18,500	8,000	3,200	5,000	5,800	550	41,050
1975.....	22,000	8,000	4,100	2,800	4,000	500	41,400
1976.....	20,000	8,900	5,300	6,000	(8,500)	1,840	50,540
1977.....	23,500	8,750	4,900	4,700	5,600	1,800	49,250
1978.....	17,500	7,500	2,600	3,000	5,650	600	36,850
1979.....	25,500	(9,000)	5,000	5,600	(8,500)	2,000	55,600
Total of Record High Productions since 1966.....							(60,950)
			Value - $1,000				
1966.....	634	616	430	280	664	27	2,651
1967.....	1,120	772	496	1,194	2,237	180	5,999
1968.....	1,876	848	617	2,857	1,419	295	7,912
1969.....	1,701	834	506	1,076	995	397	5,509
1970.....	1,570	826	439	830	696	176	4,537
1971.....	1,785	845	365	1,118	1,072	350	5,535
1972.....	355	200	43	--	133	0	731
1973.....	3,531	1,512	624	2,035	2,839	315	10,856
1974.....	3,478	1,936	646	1,695	2,146	211	10,112
1975.....	2,772	2,144	603	1,165	760	193	7,637
1976.....	3,720	2,261	970	2,022	4,029	298	13,300
1977.....	4,982	2,205	1,176	2,167	3,203	448	14,181
1978.....	3,850	2,550	910	2,307	4,407	276	14,300
1979.....	6,120	3,060	1,400	3,354	7,412	960	22,306

Note: Bracketed ( ) figures are record high production since 1960.
1/ The 1972 sweet cherry crop was nearly a complete failure due to spring freezes. A few sweet cherries were produced, but production was too small to warrant a quantitative estimate.

Commercial Apples 1/: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents Per Lb.	1,000 $
1925.....	54.6	--	54.6	--	--	2.7	1,469
1940.....	19.5	2.4	17.1	--	--	2.0	339
1950.....	11.8	--	11.8	--	--	6.2	733
1960.....	10.3	--	10.3	--	--	4.82	496
1970.....	28.0	.5	27.5	21.3	6.2	5.71	1,570
1971.....	26.0	1.0	25.0	--	--	7.14	1,785
1972.....	4.0	--	4.0	4.0	0.0	8.88	355
1973 2/...	58.0	5.3	52.7	29.1	23.6	6.70	3,531
1974.....	37.0	--	37.0	34.0	3.0	9.40	3,478
1975.....	49.0	5.0	44.0	30.0	14.0	6.30	2,772
1976.....	40.0	--	40.0	34.0	6.0	9.30	3,720
1977.....	47.0	--	47.0	35.0	12.0	10.60	4,982
1978.....	35.0	--	35.0	28.0	7.0	11.00	3,850
1979.....	51.0	--	51.0	3/	3/	12.00	6,120

1/ Estimates through 1933 were for all apples. Since 1934 estimates are for commercial production including orchards with more than 100 trees. 2/ Record high apple production. 3/ Available July 5, 1980.

Commercial Apples: Production by Varieties, Utah, Selected Years.

Variety	1976	1977		1978		1979	
	Million Pounds	Million Pounds	Percent of Total	Million Pounds	Percent of Total	Million Pounds	Percent of Total
Jonathan....	8.0	7.5	16.1	5.0	14.5	6.0	12.0
Delicious...	22.4	27.3	58.7	19.0	55.1	30.0	60.0
Golden Delicious	2.8	4.6	9.9	2.5	7.2	4.5	9.0
Rome Beauty.	5.6	6.6	14.2	7.0	20.3	8.0	16.0
Other.....	1.2	0.5	1.1	1.0	2.9	1.5	3.0
Total.....	40.0	46.5	100.0	34.5	100.0	50.0	100.0

Peaches: Production, Use, and Value, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents per Lb.	1,000 $
1922 1/.....	38.7	--	38.7	--	--	3.0	1,151
1940.....	31.0	--	31.0	--	--	1.9	590
1950.....	4.7	--	4.7	--	--	9.2	431
1960.....	8.6	--	8.6	--	--	6.82	587
1970.....	13.0	--	13.0	13.0	0	6.35	826
1971.....	13.0	--	13.0	13.0	0	6.5	845
1972.....	1.5	--	1.5	1.5	0	13.3	200
1973.....	12.0	--	12.0	12.0	0	12.6	1,512
1974.....	16.0	--	16.0	16.0	0	12.1	1,936
1975.....	16.0	--	16.0	16.0	0	13.4	2,144
1976.....	18.0	0.2	17.8	17.8	0	12.7	2,261
1977.....	18.0	0.5	17.5	17.5	0	12.6	2,205
1978.....	15.0	--	15.0	15.0	0	17.0	2,550
1979.....	18.0	--	18.0	18.0	0	17.0	3,060

1/ Record high peach production.

Pears: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	4,525	--	4,525	--	--	38.00	172
1950.....	875	--	875	--	--	144.00	126
1954 1/.....	8,750	--	8,750	--	--	86.00	752
1960.....	4,380	200	4,180	--	--	108.00	451
1970.....	4,300	--	4,300	--	--	102.00	439
1971.....	4,620	420	4,200	--	--	87.00	365
1972.....	200	--	200	200	0	214.00	43
1973.....	5,830	--	5,830	2/	2/	107.00	624
1974.....	3,200	--	3,200	3,200	0	202.00	646
1975.....	4,900	800	4,100	4,100	0	147.00	603
1976.....	5,300	--	5,300	5,300	0	183.00	970
1977.....	5,000	100	4,900	4,900	0	240.00	1,176
1978.....	2,600	--	2,600	2,600	0	350.00	910
1979.....	5,000	--	5,000	5,000	0	280.00	1,400

1/ Record high pear production. 2/ Some processed but not published in order to avoid disclosure of individual operations.

Sweet Cherries: Production, Use and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	3,100	--	3,100	--	--	80.00	248
1950.....	440	--	440	--	--	282.00	124
1960.....	1,200	--	1,200	--	--	407.00	488
1968 1/.....	7,700	--	7,700	--	--	371.00	2,857
1970.....	2,300	--	2,300	2,030	270	361.00	830
1971.....	4,600	--	4,600	3,290	1,310	243.00	1,118
1972.....	2/	--	2/	--	--	--	--
1973.....	6,500	--	6,500	4,924	1,576	313.00	2,035
1974.....	5,000	--	5,000	3,500	1,500	339.00	1,695
1975.....	2,800	--	2,800	2,390	410	416.00	1,165
1976.....	6,000	--	6,000	4,320	1,680	337.00	2,022
1977.....	5,800	1,100	4,700	3,400	1,300	461.00	2,167
1978.....	3,000	--	3,000	1,700	1,300	769.00	2,307
1979.....	5,600	--	5,600	4,300	1,300	599.00	3,354

1/Record high sweet cherry production. 2/ The 1972 crop was nearly a complete failure due to spring freezes. A few sweet cherries were produced but production was too small to warrant a quantitative estimate.

Tart Cherries: Production, Use and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	2,300	--	2,300	--	--	44.00	101
1950.....	800	--	800	--	--	177.00	142
1960.....	2,800	--	2,800	--	--	139.00	389
1970.....	4,900	--	4,900	400	4,500	142.00	696
1971.....	6,700	--	6,700	400	6,300	160.00	1,072
1972.....	650	--	650	100	550	204.00	133
1973 1/.....	8,500	--	8,500	--	--	334.00	2,839
1974.....	5,800	--	5,800	50	5,750	370.00	2,146
1975.....	4,000	--	4,000	50	3,950	190.00	760
1976 1/.....	8,500	--	8,500	2/	2/	474.00	4,029
1977.....	5,600	--	5,600	300	5,300	572.00	3,203
1978.....	5,650	--	5,650	50	5,600	780.00	4,407
1979 1/.....	8,500	--	8,500	200	8,300	872.00	7,412

1/ Record high tart cherry production. 2/ Not published - mostly processed.

Apricots: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars Per Ton	1,000 $
1940.....	7,800	--	7,800	--	--	27.20	212
1950.....	400	--	400	--	--	180.00	72
1957 1/.....	11,000	1,000	10,000	--	--	62.10	621
1960.....	2,500	--	2,500	--	--	96.60	242
1970.....	1,300	--	1,300	1,300	0	135.00	176
1971.....	2,800	300	2,500	2,500	0	140.00	350
1972 2/.....	0	--	0	--	--	--	0
1973.....	2,300	130	2,170	3/2,170	0	145.00	315
1974.....	550	--	550	550	0	384.00	211
1975.....	500	--	500	3/500	0	385.00	193
1976.....	2,000	160	1,840	3/1,840	0	162.00	298
1977.....	1,800	--	1,800	3/1,800	0	249.00	448
1978.....	600	--	600	3/600	0	460.00	276
1979.....	2,000	--	2,000	3/2,000	0	480.00	960

1/ Record high apricot production. 2/ Completely frozen in the spring. 3/ Small quantities processed are included in "fresh" to avoid disclosure of individual operations.

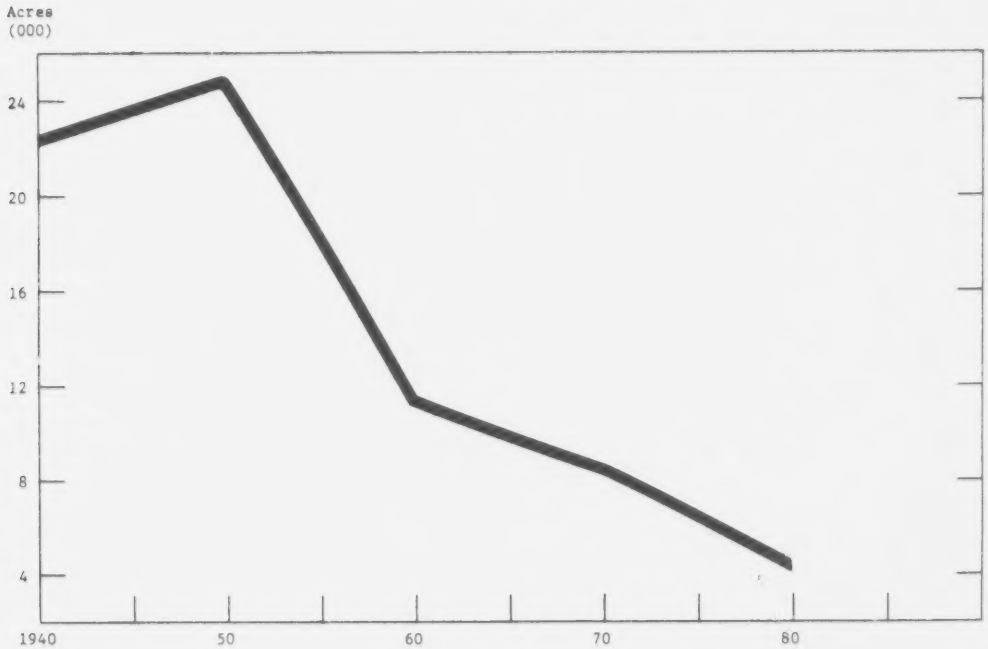
Farmer inspects young fruit for possible problems.

Vegetables

Production of vegetables for processing made a modest comeback in spite of a slight reduction in acres harvested. Production tonnage was the highest since 1976 and value of production was the highest since 1975. Production of vegetables for processing is concentrated in Box Elder, Cache, Weber, and Davis Counties.

Onion production increased 15 percent in 1979 because of an increase in yield per acre. Total production in 1979 was 830,000 hundredweight compared with 720,000 in 1978 and it was the largest of record. Acreage harvested in 1979 totaled 2,000 acres, and was unchanged from a year earlier--only 400 less than the record in 1944. Yield per acre at 415 hundredweight compared with 360 hundredweight in 1978 and was the largest of record. Weather was generally favorable for growing and harvesting the 1979 crop. Prices averaged $5.00 per hundredweight which compared with the 1978 crop average of $9.00 and the record high $9.09 for the 1975 crop. Total value of sales from the 1979 onion crop sales was $3,445,000--only 66 percent of the record high of $5,247,000 established a year earlier. Davis County accounted for about two-thirds of the 1979 onion acreage with Box Elder accounting for most of the balance. A few onions were grown in Weber, Salt Lake and Utah Counties.

UTAH VEGETABLES FOR PROCESSING, ACRES HARVESTED, SELECTED YEARS



Onions, Fresh Market: Acreage, Yield, Production, Value, and Stocks, Utah, Selected Years.

Year	Acreage		Yield per Acre	Production	Quantity not Sold 1/	Sales	Value of Sales		Stocks Following Jan. 1
	Planted	Harvested					Per Cwt.	Total	
	Acres	Acres	Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	Dollars	1,000 Dollars	1,000 Cwt.
1940...	--	1,100	200	220	38	182	.50	91	60
1944 2/	--	2,400	220	528	51	477	1.80	859	258
1950...	1,150	1,100	270	297	83	214	1.80	385	151
1960...	750	700	325	228	63	165	2.80	462	112
1970...	1,000	1,000	300	300	55	245	2.75	674	113
1971...	1,000	950	230	219	44	175	4.24	742	89
1972...	1,100	1,000	370	370	59	311	6.16	1,916	111
1973...	1,200	1,100	220	242	36	206	5.54	1,141	91
1974...	1,400	1,300	300	390	59	331	3.85	1,274	130
1975...	1,400	1,300	290	377	63	314	9.09	2,854	124
1974...	1,600	1,500	300	450	63	387	6.68	2,585	123
1977...	1,800	1,700	335	570	103	467	4.63	2,162	147
1978...	2,100	2,000	360	720	137	583	9.00	5,247	245
1979...	2,100	2,000	415	830	141	689	5.00	3,445	266

1/ Includes shrinkage, waste, and cullage. 2/ Record high acreage of onions.

Vegetables for Processing 1/: Acreage, Production, and Value, Utah, Selected Years.

Year	Acreage		Production	Value
	Planted	Harvested		Total
	Acres	Acres	Tons	1,000 Dollars
1940.....	--	22,460	83,900	1,526
1942 2/.....	--	28,230	116,600	3,071
1950.....	--	24,870	103,000	3,139
1960.....	12,770	11,080	72,040	2,235
1970.....	9,000	8,300	45,900	1,981
1971.....	8,300	7,900	40,100	1,838
1972.....	6,100	5,900	36,650	1,698
1973.....	5,680	5,430	19,200	1,012
1974.....	6,240	5,840	20,400	2,168
1975.....	6,310	6,260	25,900	2,497
1976.....	5,560	5,260	23,400	2,066
1977.....	5,070	4,670	16,850	1,680
1978.....	4,950	4,750	17,350	1,601
1979.....	5,170	4,670	23,270	2,308

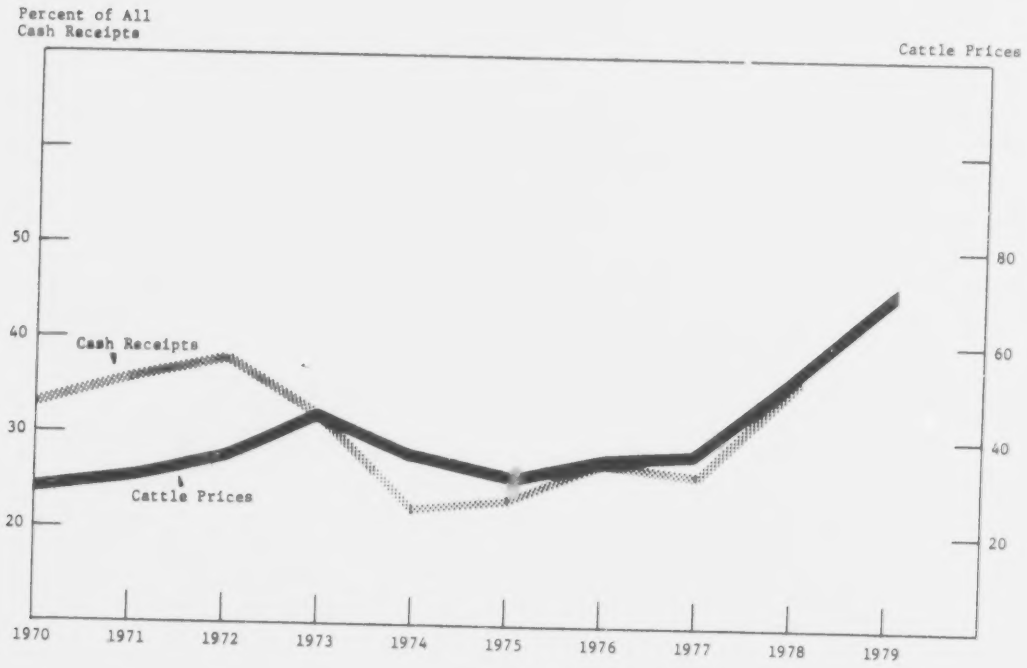
1/ Includes tomatoes, green peas, sweet corn, snap beans, green lima beans, table beets, cucumbers for pickles. 2/ Record high acreage harvested of vegetables for processing.

Cattle

Livestock have long been the mainstay of Utah's agriculture. The relative scarcity of crop land and the relative abundance of range land left little alternative to concentration on livestock production. Even as far back as 40 years ago when cash receipts from farming were less than one-tenth of today's levels, sales of livestock and livestock products accounted for more than 70 percent of the total. This relative portion of agricultural marketings has fluctuated a few points over the decades, but in the last few years has inched upward so that in 1979 it stands at 78 percent.

The two primary contributors to this dominance have been milk sales and cattle sales, with cattle usually well in the lead. For the decade since 1970 an average of nearly 30 percent of all cash receipts has come from the sale of cattle. The chart pictures the percent of receipts coming from cattle year-by-year and the average price of steers and heifers for the same years. Generally, as prices rose and fell, so did the percent of receipts. The one exception was in 1973 which was the year of the first oil embargo and the so-called Russian grain deal. During that year, grain

UTAH CATTLE: PRICE VERSUS PERCENT OF ALL CASH RECEIPTS



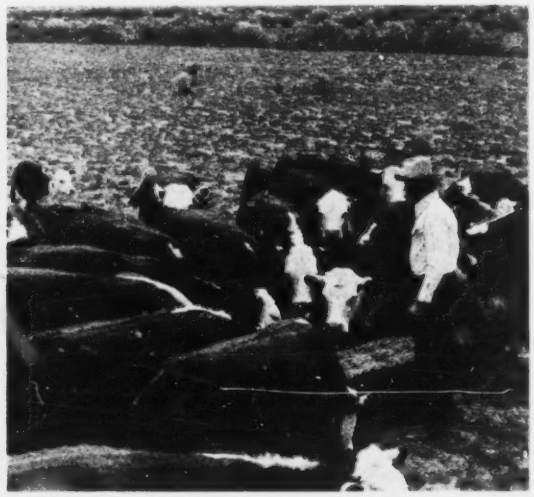
stocks were very low and world demand was high, with the result that most grain prices doubled. Cattle prices also rose, but not at the rate of the grain crops. In terms of actual dollars, cattle receipts were up in 1973, but because grain prices had risen so sharply, the percent of cash receipts tipped from cattle toward crops.

The middle seventies saw large cattle numbers nationally and consequently lower prices. In 1978 when beef supplies tightened, the price shot up and continued high through all of 1979. With last year's prices averaging near $70 per hundredweight, the percent of cash receipts coming from the sale of cattle may well reach a record 40 percent.

Range cattle collect at watering troughs to drink.

Large commercial feedlots fatten cattle for slaughter.

Vaccinating calves is a family project.



Cattle are inspected at daily feeding.

All Cattle: Number of Cattle Farms, and Number and Value of Cattle on Farms, Utah, January 1, Selected Years.

Year	Farms		Cattle on Farms January 1			
	With Cattle	With Milk Cows	Number	Value Per Head	Value Total	On Feed For Market
			1,000 Head	Dollars	1,000 Dollars	1,000 Head
1940.....	--	--	432	38.20	16,502	--
1950.....	--	--	588	126.00	74,088	40
1960.....	--	--	719	136.00	97,784	61
1970.....	10,000	3,800	808	185.00	149,480	57
1971.....	9,900	3,200	832	195.00	162,240	68
1972.....	9,700	2,800	832	210.00	174,720	55
1973.....	9,600	2,600	824	255.00	210,120	53
1974.....	10,100	2,800	832	305.00	253,760	58
1975.....	10,000	2,800	900	160.00	144,000	52
1976 1/...	10,000	2,700	927	200.00	185,400	60
1977.....	10,000	2,700	880	210.00	184,800	60
1978.....	10,000	2,600	864	230.00	198,720	62
1979.....	10,000	2,500	810	405.00	328,050	55
1980.....	--	--	840	500.00	420,000	60

1/ Record high January 1 inventory.

Calf Crop: Utah, Selected Years.

Year	Cows and Heifers 2 Yrs. & Older January 1	Cows that Have Calved January 1	Calves Born	Calves Born as Percent of Cows and Heifers 2+ January 1 1/a/	Calves Born as Percent of Cows Calved January 1 1/b/
	1,000 Head	1,000 Head	1,000 Head	Percent	Percent
1940....	218	--	174	80	--
1950....	302	--	263	87	--
1960....	360	--	317	88	--
1970....	424	392	372	88	95
1971....	--	411	378	--	92
1972....	--	410	378	--	92
1973....	--	403	350	--	87
1974....	--	403	380	--	94
1975....	--	428	390	--	91
1976....	--	441	374	--	85
1977....	--	414	373	--	90
1978....	--	397	350	--	88
1979....	--	389	310	--	80

1/ Not strictly a calving rate. Figure represents calves born expressed as percentage of the number of a/ cows and heifers 2 years old and over on farms and ranches January 1, b/ cows that have calved on hand January 1.

Cattle: Inventory by Classes and Age, Utah, January 1, Selected Years.

Year	All Cattle and Calves	For Milk			Beef Cattle				
		Cows and Heifers 2 Yrs. +	Heifers 1-2 Yrs.	Heifer Calves	Cows 2 Yrs. +	Heifers 1-2 Yrs.	Calves	Steers 1 Yr. +	Bulls 1 Yr. +
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940...	432	103	25	32	115	34	77	37	9
1950...	588	108	25	32	194	62	101	54	12
1960...	719	108	31	35	252	65	154	65	9
1965...	755	89	24	28	301	72	172	57	12
1966...	755	85	24	28	310	58	182	55	13
1967...	747	83	24	26	310	65	171	55	13
1968...	762	81	23	26	319	68	174	58	13
1969...	777	82	24	26	325	66	183	57	14
1970 1/	808	82	25	28	342	69	188	59	15

1/ Beginning with January 1, 1971, the classification estimates for cattle were changed from sex and age to sex and weight--See Table below.

Cattle: Inventory by Classes and Weight, Utah, January 1, 1970-80.

Year	All Cattle and Calves	All Cows and Heifers that have Calved			Heifers 500 Pounds and Over				Steers 500 Lbs. & Over	Bulls 500 Lbs. & Over	Steers, Heifers & Bulls Under 500 Lbs.
		Total	Beef Cows	Milk Cows	Beef Cow Replacements	Milk Cow Replacements	Other	Total			
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1970...	808	392	316	76	52	44	26	122	75	17	202
1971...	832	411	331	80	55	45	25	125	72	17	207
1972...	832	410	331	79	53	43	26	122	73	17	210
1973...	824	403	328	75	50	41	25	116	76	17	212
1974...	832	403	328	75	58	38	26	122	83	17	207
1975...	900	428	349	79	65	37	36	138	81	18	235
1976...	927	441	362	79	65	37	35	137	82	19	248
1977...	880	414	335	79	53	39	44	136	77	18	235
1978...	864	397	321	76	44	41	40	125	79	18	245
1979...	810	389	312	77	43	37	33	113	79	18	211
1980...	840	378	303	75	59	46	36	141	80	18	223

Cattle and Calves: Inventory, Supply, and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Calf Crop	Inshipments	Marketings 1/		Slaughter 2/	Deaths		Inventory End of Year
				Cattle	Calves	Cattle & Calves	Cattle	Calves	
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940...	432	174	25	101	45	11	8	12	454
1950...	588	263	41	139	98	12	16	15	612
1960...	719	317	54	234	111	11	14	22	698
1970...	808	372	50	213	140	4	17	24	832
1971...	832	378	42	235	137	3	14	31	832
1972...	832	378	42	239	137	4	15	33	824
1973...	824	350	47	223	102	4	20	40	832
1974...	832	380	45	194	105	5	18	35	900
1975...	900	390	60	262	111	4	16	30	927
1976...	927	374	50	299	121	6	15	30	880
1977...	880	373	50	266	106	7	15	45	864
1978...	864	350	50	269	126	4	20	35	810
1979...	810	310	50	189	86	7	16	32	840

1/ Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter at commercial establishments.

Cattle and Calves: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketings 2/	Average Price per 100 lbs.		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
			Cattle	Calves					
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940...	105,545	103,170	6.80	8.90	--	7,478	198	7,676	1,468
1950...	157,125	158,135	23.20	26.80	--	38,794	850	39,644	7,827
1960...	217,665	257,715	18.40	23.40	41,993	49,373	1,172	50,545	8,249
1970...	256,121	259,978	25.60	34.20	70,803	71,552	2,189	73,741	--
1971...	250,655	281,845	27.40	35.70	73,622	82,154	2,124	84,278	--
1972...	259,080	276,875	32.00	44.10	89,920	95,152	2,756	97,908	--
1973...	243,380	258,255	40.30	53.90	103,727	109,819	3,454	113,273	--
1974...	239,080	225,562	31.20	33.70	75,813	71,386	3,008	74,394	--
1975...	267,720	281,034	27.10	27.20	72,597	76,200	1,954	78,154	--
1976...	265,810	318,686	29.80	35.10	81,242	97,177	4,295	101,472	--
1977...	246,220	285,458	32.60	37.60	82,362	94,943	3,750	98,693	--
1978...	276,710	329,450	47.60	58.70	135,497	161,800	3,074	164,874	--
1979...	220,835	227,805	64.80	88.70	150,829	154,189	7,828	162,017	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipts from marketings of live cattle and sale of farm slaughter.

Commercial Cattle Slaughter: Number and Liveweight, Utah, Annual, Selected Years.

Year	Cattle			Calves			Total	
	Number 1/	Weight Per Head	Total Live Weight	Number 1/	Weight Per Head	Total Live Weight	Number 1/	Total Live Weight
	1,000 Head	Pounds	1,000 Pounds	1,000 Head	Pounds	1,000 Pounds	1,000 Head	1,000 Pounds
1944 2/.....	102.9	--	--	42.5	--	--	--	--
1950.....	108.5	965	104,762	21.7	275	5,966	130.2	110,728
1960.....	212.2	994	210,924	12.7	316	4,008	224.9	214,932
1970.....	258.5	1,040	268,914	3.2	397	1,270	261.7	270,184
1971.....	269.8	1,037	279,852	3.1	397	1,232	272.9	281,084
1972.....	265.5	1,106	293,530	2.0	419	838	267.5	294,368
1973.....	239.1	1,110	265,376	0.3	433	130	239.4	265,506
1974.....	267.8	1,092	292,470	1.0	412	412	268.8	292,882
1975.....	301.1	1,060	319,203	2.6	356	925	303.7	320,128
1976.....	280.6	1,077	302,332	2.2	350	771	282.8	303,103
1977.....	268.1	1,030	276,233	1.9	311	581	270.0	276,814
1978.....	217.0	1,057	229,469	0.7	331	236	217.7	229,705
1979.....	173.2	1,090	188,698	.2	322	63	173.4	188,761
1978								
Jan.	23.2	1,044	24,160	.1	326	27	23.3	24,187
Feb.	19.6	1,032	20,223	.1	360	24	19.7	20,247
Mar.	21.5	1,037	22,245	.1	358	23	21.6	22,268
Apr.	16.8	1,037	17,431	.1	322	31	16.9	17,462
May	16.5	1,033	17,084	--	--	--	16.5	17,084
June	16.4	1,028	16,893	.1	353	19	16.5	16,912
July	15.1	1,062	16,088	--	--	--	15.1	16,088
Aug.	19.4	1,090	21,188	.1	271	17	19.5	21,205
Sep.	17.5	1,079	18,897	.1	313	16	17.6	18,913
Oct.	18.3	1,097	20,041	.1	342	24	18.4	20,065
Nov.	17.8	1,084	19,297	.1	331	24	17.9	19,321
Dec.	14.9	1,072	15,922	--	--	--	14.9	15,922
1979								
Jan.	18.2	1,101	19,994	3/	--	--	18.2	19,994
Feb.	14.7	1,075	15,801	3/	--	--	14.7	15,801
Mar.	14.6	1,060	15,441	3/	--	--	14.6	15,441
Apr.	12.0	1,107	13,284	3/	--	--	12.0	13,284
May	13.4	1,121	15,060	3/	--	--	13.4	15,060
June	15.0	1,096	16,412	3/	--	--	15.0	16,412
July	13.9	1,077	14,940	3/	--	--	13.9	14,940
Aug.	14.5	1,083	15,665	3/	--	--	14.5	15,665
Sep.	13.2	1,080	14,221	3/	--	--	13.2	14,221
Oct.	16.5	1,094	18,037	3/	--	--	16.5	18,037
Nov.	14.8	1,097	16,195	3/	--	--	14.8	16,195
Dec.	12.6	1,083	13,647	3/	--	--	12.6	13,647

1/ Includes slaughter in Federally inspected plants and in other slaughter plants, but excludes animals slaughtered on farms. 2/ First year of record. 3/ Not printed to avoid disclosing individual operations.

Sheep & Wool

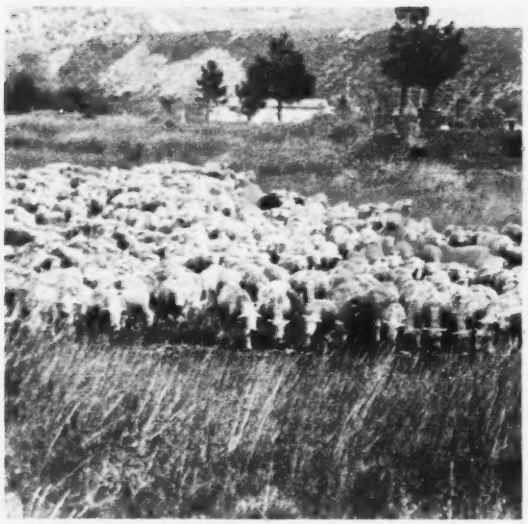
The good news around the lambing sheds this year has been the relatively strong prices of both lambs and wool and the hint of an upturn in the number of sheep produced in the State. Not since 1959 has there been any reversal of the downward slide in sheep numbers which began in the depression years of the thirties. In fact, only four times since the record was established in 1931 has there been an increase in stock sheep numbers. During World War II and the Korean era there were slight upturns and more recently in 1959. The 1980 increase is a modest 4 percent, but is a positive sign for the State's sheep and wool industry and for the first time since 1977 pushes the State's sheep herd above one-half million. The reason for the upturn and the optimism is obvious. The 1978 wool price was the highest since the oil embargo year of 1973 and the 1979 price will average higher than any year since the Korean War years of the early 1950's.

Shearing sheep is a strenuous task.

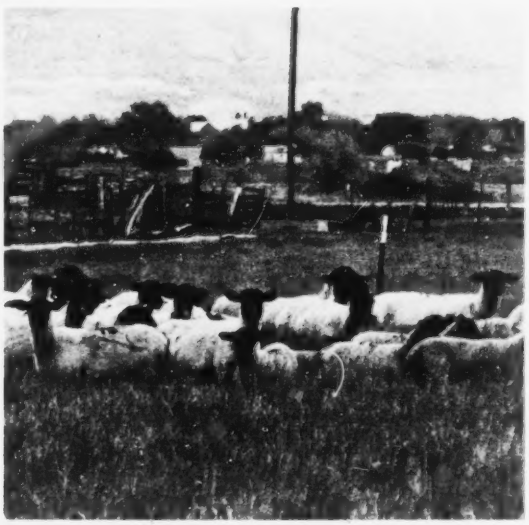
Typical sheep operation.

As a nation, we have not been a world leader in sheep production. We have less than one-tenth the number of sheep inventory of either the Soviet Union or Australia and are even overshadowed by relatively small South Africa and the United Kingdom. To complicate matters, most of our sheep are thinly scattered over the ranges of the Western States. A number of factors combine to lessen our competitiveness in the world markets. Distance from markets, predator protection and predator losses, high labor costs, etc. all combine to drive up the cost of producing sheep in this country. Sheepmen realize that to keep in the race they will have to improve efficiency and find ways to overcome their problems.

In other farm enterprises, an early step toward greater efficiency has been the concentration of production on fewer but larger operations. This apparently has not happened in the Utah sheep industry. Even though more than two-thirds of the State's sheep are owned by the top 10 percent of producers, the trend over the years has been toward smaller rather than larger operations. In 1965 the average size flock was 321 head. By 1979 the number had fallen to 211 head. Whether the upturn of 1980 will continue into a long-term trend, only time will tell.



Sheep enjoy lush pastures.



Newly shorn sheep are ready for spring range.

Sheep: Number of Sheep Farms, and Number and Value of Sheep on Farms, Utah, January 1, Selected Years.

Year	Farms with Sheep	Sheep on Farms January 1						
		All Sheep			Stock Sheep			Sheep & Lambs on Feed
		Number	Value		Number	Farm Value		
			Per Head	Total		Per Head	Total	
		1,000 Head	Dollars	1,000 Dollars	1,000 Head	Dollars	1,000 Dollars	1,000 Head
1901 1/.	--	--	--	--	2,882	2.70	7,781	--
1931 2/.	--	2,935	--	18,784	2,775	6.50	18,048	160
1940....	--	2,248	--	15,895	2,095	7.20	15,038	153
1950....	--	1,329	--	27,028	1,269	20.40	25,888	60
1960....	--	1,336	--	24,461	1,249	18.40	22,982	87
1970....	3,000	1,053	--	33,998	978	32.50	31,785	75
1971....	3,000	1,009	31.00	31,279	929	--	--	80
1972....	3,000	976	26.50	25,864	891	--	--	85
1973....	2,800	905	32.50	29,413	820	--	--	85
1974....	2,600	772	39.50	30,494	722	--	--	50
1975....	2,500	697	38.50	26,835	660	--	--	37
1976....	2,400	590	42.50	25,075	568	--	--	22
1977....	2,300	580	51.00	29,580	560	--	--	20
1978....	2,300	491	62.00	30,442	470	--	--	21
1979....	2,300	486	84.00	40,824	462	--	--	24
1980....	--	507	100.00	50,700	477	--	--	30

1/ Record high January 1 Stock Sheep Inventory. 2/ Record high January 1 All Sheep Inventory.

Stock Sheep: Inventory by Classes, Utah, January 1, Selected Years.

Year	All Stock Sheep	Lambs		Sheep One Year and Over			
		Ewes	Wethers & Rams	Ewes	Rams	Wethers	Rams & Wethers
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940....	2,095	310	23	1,706	54	2	56
1950....	1,269	165	5	1,066	32	1	33
1960....	1,249	144	6	1,065	33	1	34
1970....	978	125	7	821	24	1	25
1971....	929	117	8	780	23	1	24
1972....	891	102	8	758	--	--	23
1973....	820	77	9	713	--	--	21
1974....	722	83	5	615	--	--	19
1975....	660	79	6	558	--	--	17
1976....	568	68	5	481	--	--	14
1977....	560	65	6	475	--	--	14
1978....	470	53	5	401	--	--	11
1979....	462	59	5	388	--	--	10
1980....	477	65	7	393	--	--	12

Sheep and Lambs: Inventory Numbers, Lamb Crop and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Lambs Saved	Inshipments	Marketing 1/		Farm Slaughter 2/	Deaths		Inventory End of Year
				Sheep	Lambs		Sheep	Lambs	
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1931 3/.	2,935	1,560	69	156	1,049	40	300	174	2,845
1940....	2,248	1,365	40	127	894	38	236	110	2,248
1950....	1,329	895	92	39	668	22	125	70	1,392
1960....	1,336	927	54	59	759	21	125	76	1,277
1970....	1,053	780	100	74	646	25	94	85	1,009
1971....	1,009	710	70	51	578	12	92	80	976
1972....	976	713	65	72	593	13	82	89	905
1973....	905	635	60	99	551	9	84	85	772
1974....	772	578	50	75	462	6	72	88	697
1975....	697	502	41	76	400	10	86	78	590
1976....	590	433	35	13	319	8	64	74	580
1977....	580	428	30	91	323	5	50	78	491
1978....	491	377	30	23	273	6	50	60	486
1979....	486	365	30	16	264	6	38	50	507

1/ Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments. 3/ Record high beginning of year inventory.

Sheep and Lambs: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketing 2/	Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
			Sheep	Lambs					
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	1,000 $	1,000 $	1,000 $	1,000 $	1,000 $
1931 4/	82,830	90,122	3.55	5.10	--	4,372	126	4,498	255
1940...	75,523	76,550	3.35	7.50	--	5,201	147	5,348	234
1950...	56,611	56,624	10.60	24.90	--	13,535	278	13,813	1,749
1960...	62,307	71,459	5.30	17.00	10,352	11,367	191	11,558	574
1970...	60,909	73,550	7.10	25.40	15,009	16,992	608	17,600	--
1971...	57,745	63,960	5.50	23.70	12,755	14,004	283	14,287	--
1972...	53,105	65,120	6.20	27.70	14,113	16,105	369	16,474	--
1973...	45,942	67,265	12.40	31.90	15,033	19,045	321	19,366	--
1974...	41,520	54,507	11.50	34.90	14,341	16,834	217	17,051	--
1975...	33,201	49,290	10.10	40.90	14,161	17,234	410	17,644	--
1976...	30,493	33,375	10.90	43.70	13,004	14,052	325	14,377	--
1977...	29,827	43,585	10.80	50.00	14,504	17,334	222	17,556	--
1978...	28,550	31,455	15.70	59.50	16,731	17,456	348	17,804	--
1979...	29,135	28,280	19.20	63.80	17,219	17,151	379	17,530	--

1/ Adjustments made for changes in inventory and for inshipments. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipt from marketings and sale of farm slaughter. 4/ Record high January 1 sheep inventory.

Lamb Crop: Utah, Selected Years.

Year	Breeding Ewes One Year and Older January 1	Lambs Saved 1/	
		Number	As Percent of Ewes One Year and Older
	1,000 Head	1,000 Head	Percent
1930 2/.....	2,170	1,736	80
1940.....	1,706	1,365	80
1950.....	1,066	895	84
1960.....	1,065	927	87
1970.....	821	780	95
1971.....	780	710	91
1972.....	758	713	94
1973.....	713	635	89
1974.....	615	578	94
1975.....	558	502	90
1976.....	481	433	90
1977.....	475	428	90
1978.....	401	377	94
1979.....	388	365	94

1/ Lambs saved defined as lambs living July 1, or lambs docked or branded.
2/ Record high lamb crop.

Wool Production and Value: Utah, Selected Years.

Year	All Sheep Shorn 1/	Weight per Fleece	Shorn Wool Production	Average Price per Pound 2/	Value 3/
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1931 4/.....	2,692	9.0	24,228	13	3,150
1940.....	1,990	9.3	18,507	27	4,997
1950.....	1,180	9.4	11,092	58	6,433
1960.....	1,203	9.9	11,950	39	4,660
1970.....	985	9.8	9,637	32	3,084
1971.....	960	9.5	9,167	18	1,650
1972.....	896	10.3	9,218	26	2,397
1973.....	774	10.0	7,760	78	6,053
1974.....	728	10.0	7,255	59	4,280
1975.....	591	10.4	6,140	44	2,702
1976.....	529	10.3	5,428	65	3,528
1977.....	539	10.4	5,581	64	3,572
1978.....	465	10.3	4,770	70	3,462
1979.....	454	10.0	4,542	88	4,126

1/ Includes sheep shorn at commercial feeding yards. 2/ Monthly price weighted by monthly sales of wool. 3/ Production multiplied by annual average price. 4/ Record high January 1 inventory.

Sheep and Lamb Slaughter: Number and Liveweight, Utah, Annual--Selected Years, and Monthly 1978-79.

Year	Number 1/	Average Liveweight per Head	Total Liveweight
	1,000 Head	Pounds	1,000 Pounds
1944 2/.....	106.2	--	--
1950.....	155.0	101	15,682
1960.....	307.4	102	31,476
1970.....	847.0	106	89,400
1971.....	632.5	106	67,098
1972.....	517.0	109	56,207
1973.....	359.8	111	40,093
1974.....	345.3	109	37,507
1975.....	142.5	106	15,104
1976.....	28.0	107	2,989
1977.....	24.1	112	2,692
1978.....	24.0	113	2,707
1979.....	22.9	113	2,593
1978			
Jan.	2.0	111	218
Feb.	1.7	111	186
Mar.	2.1	115	248
Apr.	2.1	114	236
May	2.2	109	237
June	1.8	109	191
July	1.8	116	204
Aug.	2.1	109	232
Sep.	1.9	112	215
Oct.	2.4	116	280
Nov.	2.1	111	230
Dec.	1.9	121	231
1979			
Jan.	1.9	110	206
Feb.	1.7	113	191
Mar.	1.5	112	169
Apr.	1.7	112	189
May	1.9	110	212
June	1.8	124	226
July	1.9	109	211
Aug.	2.3	107	244
Sep.	1.8	108	191
Oct.	2.5	124	309
Nov.	2.1	113	233
Dec.	1.9	113	212

1/ Includes slaughter under Federal inspection and other commercial slaughter, excludes farm slaughter. 2/ First year on record.

Hogs

As a feed grain importer, Utah has never developed a very substantial hog producing capacity. For the past 10 years inventories have ranged between 40,000 and 50,000 depending on the market price. Most of the production has been centered around the populated areas along the Wasatch Front. Farms reporting hogs have been very stable for more than a decade.

In 1979, following a record year in 1978, prices fell 11 percent. With both production and prices down, cash receipts dipped by nearly 12 percent--the lowest since 1974. Over the two-year period beginning December 1, 1977, U.S. hog inventories had jumped 18 percent. Prices came down in response to the large supply of pork, but were kept from further decline by the short supply of beef. Per capita beef use dropped to 107 pounds--from the 120 pounds in 1978 and the record 129 pounds in 1976.

For 1980, USDA economists are forecasting prices in the $30's the first half of the year and possibly into the $40's the last half. It will depend a great deal on the overall economy and its effect on the demand for meat.

Pig Crop: Sows Farrowing and Pigs Saved, Utah, Selected Years.

Year	Spring Pig Crop 1/			Fall Pig Crop 2/			Total Pig Crop Spring and Fall	
	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs Saved
	1,000 Head	Head	1,000 Head	1,000 Head	Head	1,000 Head	1,000 Head	1,000 Head
1940.....	16.0	6.0	96	10.0	6.8	68	26.0	164
1943 3/.....	28.0	6.4	179	23.0	6.6	152	51.0	331
1950.....	10.0	6.4	64	7.0	6.9	48	17.0	112
1960.....	5.8	6.7	39	6.2	7.3	45	12.0	84
1970.....	4.8	7.1	34	4.6	7.2	33	9.4	67
1971.....	5.0	7.2	36	5.2	7.3	38	10.2	74
1972.....	4.6	7.0	32	4.2	7.1	30	8.8	62
1973.....	4.6	7.7	35	4.8	6.9	33	9.4	68
1974.....	4.6	7.5	35	4.5	7.2	32	9.1	67
1975.....	4.7	6.7	31	5.0	7.3	37	9.4	68
1976.....	4.5	7.7	35	5.9	7.2	42	9.9	77
1977.....	6.0	7.7	46	4.5	6.9	31	10.5	77
1978.....	5.0	6.8	34	5.0	7.1	36	10.0	70
1979.....	4.0	6.7	27	6.5	6.8	44	10.5	71

1/ Spring, December through May. 2/ Fall, June through November. 3/ Record high annual pig crop.

Hogs and Pigs: Number of Hog Farms, and Number and Value of Hogs on Farms, Utah, Selected Years.

Farms		Hogs			
Year	Number with Hogs	Date	Number	Value	
				Per Head	Total
			1,000 Head	Dollars	1,000 Dollars
--	--	Jan. 1, 1940	125	6.60	825
--	--	Jan. 1, 1944 1/	196	12.00	2,352
--	--	Jan. 1, 1950	88	22.20	1,954
--	--	Jan. 1, 1960	68	16.20	1,102
1965	2,600	Jan. 1, 1965	35	20.20	707
1969	1,900	Jan. 1, 1969	39	25.10	979
1969	1,900	Dec. 1, 1969	43	29.70	1,277
1970	2,000	Dec. 1, 1970	45	23.00	1,035
1971	2,100	Dec. 1, 1971	50	23.50	1,175
1972	1,900	Dec. 1, 1972	42	32.00	1,344
1973	2,000	Dec. 1, 1973	46	53.00	2,438
1974	2,200	Dec. 1, 1974	44	35.00	1,540
1975	2,000	Dec. 1, 1975	47	61.00	2,867
1976	1,900	Dec. 1, 1976	51	43.50	2,219
1977	1,900	Dec. 1, 1977	42	52.50	2,205
1978	1,900	Dec. 1, 1978	49	69.00	3,381
1979	1,900	Dec. 1, 1979	55	46.50	2,558

1/ Record high January 1 Hog and Pig Inventory.

Hogs: Inventory by Classes and Weight Groups, Utah, Dec. 1, 1966-79.

Year	Total	Breeding	Market	Market Hogs & Pigs by Weight Group			
				Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180 Lbs. and Over
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1966.....	40	7	33	12	8	7	6
1967.....	43	8	35	13	9	7	6
1968.....	43	7	36	15	9	7	5
1969.....	43	7	36	16	8	6	6
1970.....	45	8	37	16	9	6	6
1971.....	50	7	43	17	12	8	6
1972.....	42	6	36	14	10	7	5
1973.....	46	7	39	16	11	7	5
1974.....	44	7	37	14	11	7	5
1975.....	47	8	39	17	9	8	5
1976.....	51	8	43	19	11	7	6
1977.....	42	7	35	15	8	7	5
1978.....	49	8	41	17	10	8	6
1979.....	55	8	47	24	11	7	5

Hogs and Pigs: Inventory, Supply, and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Annual Pig Crop	Inshipments	Marketings 1/	Farm Slaughter 2/	Deaths	Inventory End of Year
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940.....	125	164	3	139	32	16	105
1944 3/....	196	170	5	213	30	20	108
1950.....	88	112	1	83	19	15	84
1960.....	68	84	1	64	11	10	68
1970.....	43	67	2	58	3	6	45
1971.....	45	74	3	63	3	6	50
1972.....	50	62	2	65	3	4	42
1973.....	42	68	2	59	3	4	46
1974.....	46	67	2	63	4	4	44
1975.....	44	68	2	60	3	4	47
1976.....	47	77	2	67	4	4	51
1977.....	51	77	2	80	3	5	42
1978.....	42	70	2	59	2	4	49
1979.....	49	71	2	57	1	9	55

1/ Includes custom slaughter for use on farm where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments. 3/ Record high beginning of year inventory.

Hogs and Pigs: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketings 2/	Price per 100 Lbs.	Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
	1,000 Pounds	1,000 Pounds	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940.....	31,760	27,800	5.70	--	1,734	268	2,002	22
1944.....	43,655	46,995	12.80	--	6,345	592	6,937	72
1950.....	23,272	18,687	18.60	--	3,779	544	4,323	20
1960.....	16,611	13,676	15.70	2,608	2,210	331	2,541	14
1970.....	13,852	12,488	22.40	3,103	2,797	269	3,066	--
1971.....	15,090	13,676	16.40	2,475	2,243	208	2,451	--
1972.....	15,093	14,898	22.90	3,456	3,412	275	3,687	--
1973.....	15,056	13,511	35.90	5,405	4,850	430	5,280	--
1974.....	14,790	12,803	33.20	4,910	4,251	718	4,969	--
1975.....	15,195	13,676	43.30	6,579	5,922	549	6,471	--
1976.....	17,359	14,169	42.90	7,447	6,079	1,270	7,349	--
1977.....	18,249	17,422	38.60	7,044	6,725	708	7,433	--
1978.....	14,791	12,980	45.30	6,700	5,880	464	6,344	--
1979.....	13,255	12,863	40.30	5,341	5,184	212	5,396	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes interfarm sales and custom slaughter for use on farms where produced. 3/ Includes receipts from marketings and from sales of farm slaughtered meat.

Commercial Hog Slaughter: Number and Liveweight, Utah, Annual, Selected Years and Monthly 1978-79.

Year	Number 1/	Average Liveweight per Head	Total Liveweight
	1,000 Head	Pounds	1,000 Pounds
1944 2/.....	258.2	--	--
1950.....	246.7	228	56,259
1960.....	306.4	227	69,695
1970.....	117.4	229	26,837
1971.....	95.9	213	20,409
1972.....	90.1	214	19,280
1973.....	66.9	215	14,371
1974.....	78.5	212	16,641
1975.....	69.9	212	14,836
1976.....	80.3	242	19,449
1977.....	159.0	233	37,098
1978.....	99.1	232	23,006
1979.....	122.2	237	28,937
1978			
Jan.	7.1	231	1,635
Feb.	6.8	230	1,566
Mar.	8.5	229	1,957
Apr.	8.4	232	1,941
May	8.7	230	2,006
June	8.2	225	1,856
July	7.6	234	1,791
Aug.	8.0	232	1,855
Sep.	8.7	236	2,065
Oct.	8.7	236	2,057
Nov.	9.4	234	2,203
Dec.	8.8	234	2,072
1979			
Jan.	9.8	232	2,280
Feb.	7.0	237	1,653
Mar.	9.6	237	2,277
Apr.	9.6	239	2,285
May	10.1	235	2,377
June	9.7	240	2,318
July	9.1	233	2,125
Aug.	11.5	238	2,738
Sep.	10.4	239	2,482
Oct.	12.4	242	2,987
Nov.	12.0	238	2,856
Dec.	11.0	233	2,557

1/ Includes slaughter in Federally inspected plants and in other slaughter plants, but excludes animals slaughtered on farms. 2/ First year of record.

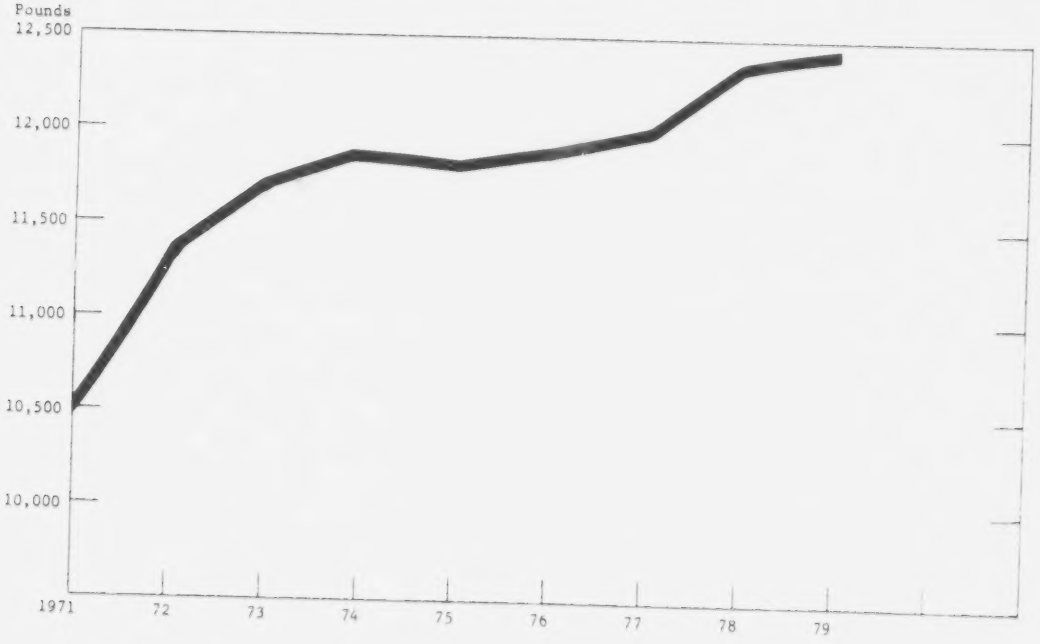
Dairy

Cash receipts to Utah dairy farmers in 1979 were up 15 percent from the previous year to $111,039,000. This resulted from a 13 percent increase in the average price of milk to $11.90 per hundredweight and a production increase of 106 pounds per cow for the year. The production of 12,474 pounds of milk is a record high level. Milk production accounted for 28.0 percent of the cash receipts from livestock and livestock products and 21.8 percent of the total cash receipts. The milk-feed price ratio was generally favorable throughout the year. Utah is following the national trend of less cows producing more milk with a lower milkfat test.

Ice cream manufacturers produced a record amount of ice cream and sherbet in 1979; production of ice milk, on the other hand, was down.

Total whole milk cheese production increased in 1979 but was still below the 1976 record and slightly lower than 1974. Cheddar cheese production was off one percent in 1979 but other cheese set a record. Swiss cheese set an all time high for production being up 6 percent. The excellent reputation for quality has made Utah produced cheese very popular. Utah cheese has found a ready market in the major population centers on the West Coast.

UTAH, MILK PRODUCTION PER COW, 1971 - 1979

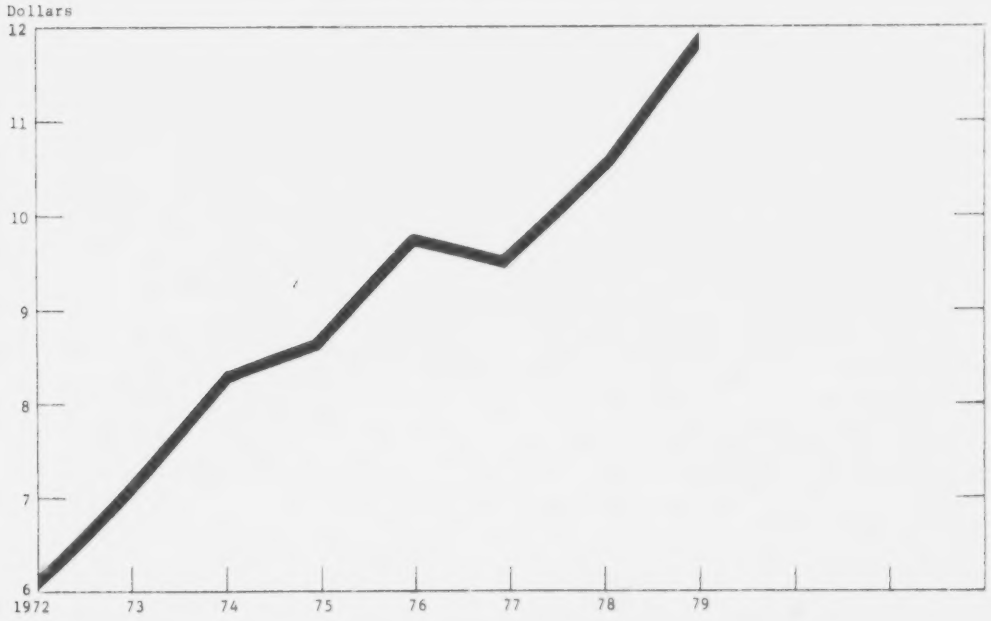


Milk Cows and Milk Production by Months, Utah, 1972-79.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Milk Cows (Thousand Head)													
1972.....	79	79	79	79	78	78	77	76	75	75	75	75	1/77
1973.....	74	74	74	74	75	76	75	73	72	71	73	75	1/74
1974.....	74	75	76	77	78	79	80	81	81	80	80	79	1/78
1975.....	79	79	78	78	79	79	80	80	79	80	79	79	1/79
1976.....	78	78	78	78	78	78	79	79	79	79	79	79	1/79
1977.....	79	78	78	78	79	79	79	78	78	77	76	76	1/78
1978.....	76	76	76	76	76	77	78	77	76	76	76	76	1/76
1979.....	77	77	77	76	76	76	76	76	76	75	75	75	1/76
Milk Per Cow (Pounds)													
1972.....	850	820	920	940	1030	1010	1030	1030	960	950	890	920	11351
1973.....	930	860	990	990	1060	1035	1060	1030	960	970	900	920	11703
1974.....	950	880	985	1000	1075	1045	1060	1000	985	960	910	935	11859
1975.....	950	875	975	980	1040	1060	1070	1000	940	960	875	900	11633
1976.....	950	900	975	990	1025	1060	1060	1025	960	960	925	935	11696
1977.....	975	920	1020	1015	1060	1040	1060	1050	960	975	950	975	12000
1978.....	985	925	1040	1040	1090	1075	1100	1080	1020	1020	950	970	12368
1979.....	965	895	1030	1040	1125	1105	1130	1100	1030	1050	980	1030	12474
Milk Produced (Million Pounds)													
1972.....	67	65	73	74	80	79	79	78	72	71	67	69	874
1973.....	69	64	73	73	80	79	80	75	69	69	66	69	866
1974.....	70	66	75	77	84	83	85	81	80	77	73	74	925
1975.....	75	69	76	76	82	84	86	80	74	77	69	71	919
1976.....	74	70	76	77	80	83	84	81	76	76	73	74	924
1977.....	77	72	80	79	84	82	84	82	75	75	72	74	936
1978.....	75	70	79	79	83	83	86	83	78	78	72	74	940
1979.....	74	69	79	79	85	84	86	84	78	79	74	77	948

1/ Average per month.

UTAH, AVERAGE PRICE PER HUNDREDWEIGHT FOR MILK, 1972 - 1979



Milk Cows and Production of Milk and Milkfat on Farms, Utah, Selected Years.

Year	Farms with milk cows	Number of milk cows on farms	Production of Milk and Milkfat				
			Per milk cow		Percentage of fat in all milk produced	Total	
			Milk	Milkfat		Milk	Milkfat
	1,000	1,000	Pounds	Pounds	Percent	Million Pounds	Million Pounds
1940...		96	5,730	215	3.75	550	21
1950...		100	6,550	246	3.75	655	25
1960...		94	8,130	297	3.65	764	28
1970...	3.8	78	10,500	382	3.64	819	30
1971...	3.2	80	10,500	384	3.66	840	31
1972...	2.8	77	11,351	413	3.64	874	32
1973...	2.6	74	11,703	430	3.67	866	32
1974...	2.8	78	11,859	433	3.65	925	34
1975...	2.8	79	11,633	427	3.67	919	34
1976...	2.7	79	11,696	423	3.62	924	33
1977...	2.7	78	12,000	427	3.56	936	33
1978...	2.6	76	12,368	438	3.54	940	33
1979 1/	2.5	76	12,474	442	3.54	948	34

1/ Record high annual milk production.

Milk Used and Marketed by Farmers, Utah, Selected Years.

Year	Milk Used on Farms Where Produced				Milk Marketed by Farmers			
	Fed to Calves	Consumed as Fluid Milk and Cream	Used for Farm-Churned Butter	Total	Sold to Plants and Dealers		Sold Directly to Consumers	Total
					As Whole milk	As Farm separated cream		
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds
1940....	17	61	22	100	296	116	35	1/450
1950....	22	51	13	86	515	26	28	569
1960....	18	33	5	56	675	11	22	708
1970....	9	18	--	27	740	2	50	792
1971....	9	17	--	26	775	2	37	814
1972....	9	17	--	26	805	1	42	848
1973....	9	16	--	25	805	--	36	841
1974....	8	16	--	24	860	--	41	901
1975....	8	14	--	22	860	--	37	897
1976....	10	15	--	25	855	--	44	899
1977....	9	12	--	21	875	--	40	915
1978....	9	11	--	20	880	--	40	920
1979....	10	5	--	15	892	--	41	933

1/ Includes 3,000,000 for farm churned butter sold.

Milk and Cream Marketed by Farmers: Quality, Price and Cash Receipts, Utah, Selected Years.

Year	Milk Sold to Plants and Dealers				Cream Sold to Plants and Dealers			Milk Sold Directly to Consumers		
	Quantity	Percent Fluid Grade	Price per 100 Lb.	Cash Receipts	Quantity Milkfat	Price per Lb. Fat	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	Million Pounds	Percent	Dol.	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars	1,000 Quarts	Cents	1,000 Dollars
1940...	296	--	1.45	4,292	4,330	30	1,299	16,000	7.7	1,232
1950...	515	--	3.69	19,004	970	62	601	13,000	16.0	2,080
1960...	675	--	4.07	27,472	400	55	220	10,000	18.0	1,800
1970...	740	71	5.48	40,552	71	59	42	23,256	21.5	5,000
1971...	775	71	5.65	43,788	72	60	43	17,209	22.0	3,786
1972...	805	72	5.83	46,932	36	60	22	19,535	23.0	4,493
1973...	805	72	6.97	56,109	--	--	--	16,744	25.0	4,186
1974...	860	73	8.10	69,660	--	--	--	19,070	28.0	5,340
1975...	860	75	8.50	73,100	--	--	--	17,209	28.0	4,819
1976...	855	73	9.45	80,798	--	--	--	20,465	34.0	6,958
1977...	875	74	9.35	81,813	--	--	--	18,605	31.0	5,768
1978...	880	74	10.30	90,640	--	--	--	18,605	33.0	6,140
1979...	892	73	11.70	104,364	--	--	--	19,070	35.0	6,675

Farm Dairy Products: Marketings, Income, and Value, Utah, Selected Years.

Year	Combined Marketings of Milk and Cream				Used for Milk Cream and Butter on Farms where Produced		Gross Farm Income from Dairy Products	Farm Value of Milk Produced
	Milk Utilized	Average Returns: Per 100 Pounds Milk	Average Returns: Per Pound Milkfat	Cash Receipts from Marketings	Milk Utilized	Value		
	Million Pounds	Dollars	Dollars	1,000 Dollars	Million Pounds	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940....	450	1.53	.41	6,868	83	1,270	8,138	8,423
1950....	570	3.81	1.02	21,717	63	2,400	24,117	24,956
1960....	708	4.17	1.14	29,492	38	1,585	31,007	31,859
1970....	792	5.76	1.58	45,594	18	1,037	46,631	47,174
1971....	814	5.85	1.60	47,617	17	995	48,612	49,140
1972....	848	6.07	1.67	51,447	17	1,032	52,479	53,052
1973....	841	7.17	1.95	60,295	16	1,147	61,442	62,092
1974....	901	8.32	2.28	75,000	16	1,331	76,331	76,960
1975....	897	8.69	2.37	77,919	14	1,217	79,136	79,861
1976....	899	9.76	2.70	87,756	15	1,464	89,220	90,182
1977....	915	9.57	2.69	87,581	12	1,148	88,729	89,575
1978....	920	10.52	2.97	96,780	11	1,157	97,937	98,888
1979....	933	11.90	3.36	111,039	5	595	111,634	112,812

Butter and Cheese: Production, Utah, Selected Years.

Year	Butter	American Cheese			Swiss Cheese	Total Whole Milk Cheese
		Cheddar	Other	All		
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
1940.....	10,426			4,496	0	4,496
1950.....	5,834			6,901	5,163	12,064
1960.....	7,106	5,460	608	6,068	5,890	11,958
1970.....	8,411	18,279	3,911	22,190	10,776	32,966
1971.....	9,082	21,508	4,714	26,222	12,760	38,982
1972.....	8,715	27,587	4,977	32,564	15,206	47,770
1973.....	7,586	32,066	4,526	36,592	16,660	53,252
1974.....	7,375	40,047	4,428	44,475	18,386	62,886
1975.....	7,307	32,355	5,783	38,138	19,654	57,824
1976.....	5,653	37,689	5,891	43,580	20,173	63,766
1977.....	5,507	35,863	7,277	43,140	19,189	62,330
1978.....	4,654	33,863	6,452	40,315	19,991	60,464
1979.....	4,889	33,666	7,660	41,326	21,244	62,828

Cottage Cheese and Dry Whey: Production, Utah, Selected Years.

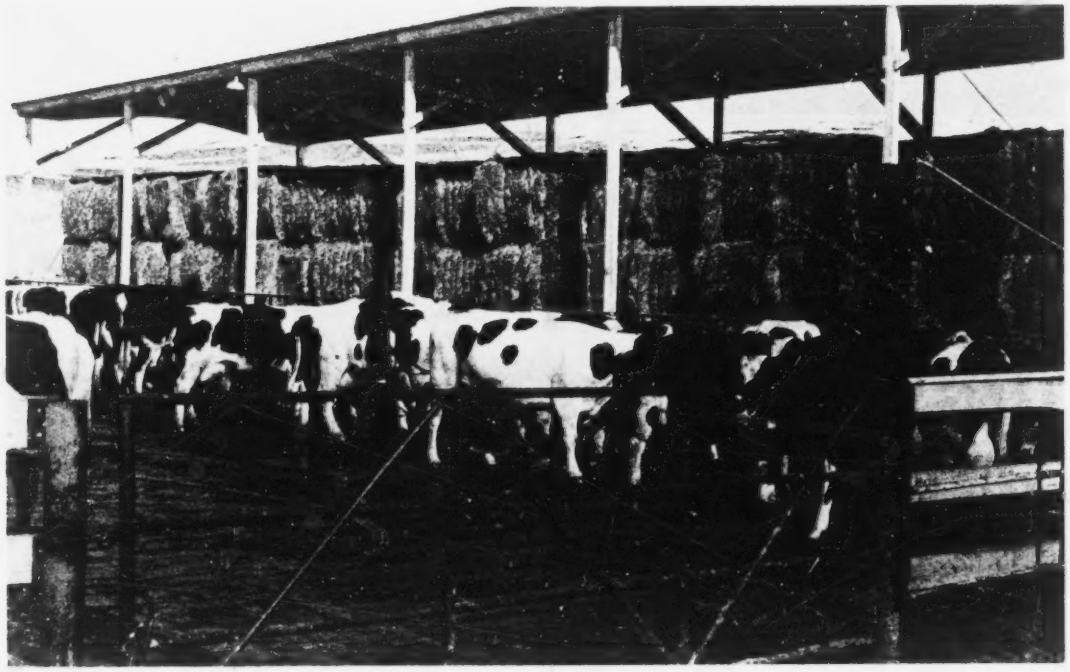
Year	Cottage Cheese		Dry Whey		
	Curd	Creamed	Human Food	Animal Feed	Total
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
1940.....	670	966			
1950.....	2,476	3,563			
1960.....	4,796	7,458			
1970.....	5,236	8,795	2/	2/	12,190
1971.....	5,700	9,376	2/	2/	14,602
1972.....	6,293	10,126	2/	2/	19,971
1973.....	6,440	1/10,673	2/	2/	22,629
1974.....	6,020	1/9,829	2/	2/	26,679
1975.....	5,617	1/8,560	19,204	1,348	20,552
1976.....	6,158	1/9,723	16,467	2,308	18,775
1977.....	5,960	1/9,502	19,690	2,688	22,378
1978.....	5,281	1/8,583	24,403	1,334	25,737
1979.....	5,094	1/8,389	21,556	1,599	23,155

1/ Includes any low fat production. 2/ Less than 3 plants.

Frozen Products: Production, Utah, Selected Years.

Year	Ice Cream 1/	Ice Milk			Sherbet 1/	Water Ices
		Hard	Soft	Total		
	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons
1940.....	1,235	--	--	201	60	--
1950.....	2,532	--	--	578	76	--
1960.....	3,849	563	771	1,334	350	181
1970.....	4,456	1,189	1,547	2,736	449	292
1971.....	5,063	1,373	1,618	2,991	452	252
1972.....	5,610	1,371	1,769	3,140	476	274
1973.....	5,387	1,285	1,708	2,993	439	197
1974.....	5,812	1,313	1,813	3,126	421	190
1975.....	6,758	1,264	1,284	2,548	451	148
1976.....	6,708	1,203	1,659	2,862	454	246
1977.....	6,681	1,188	1,953	3,141	471	233
1978.....	7,322	1,025	1,905	2,930	514	190
1979.....	7,878	905	1,699	2,604	582	151

1/ Essentially all hard frozen.

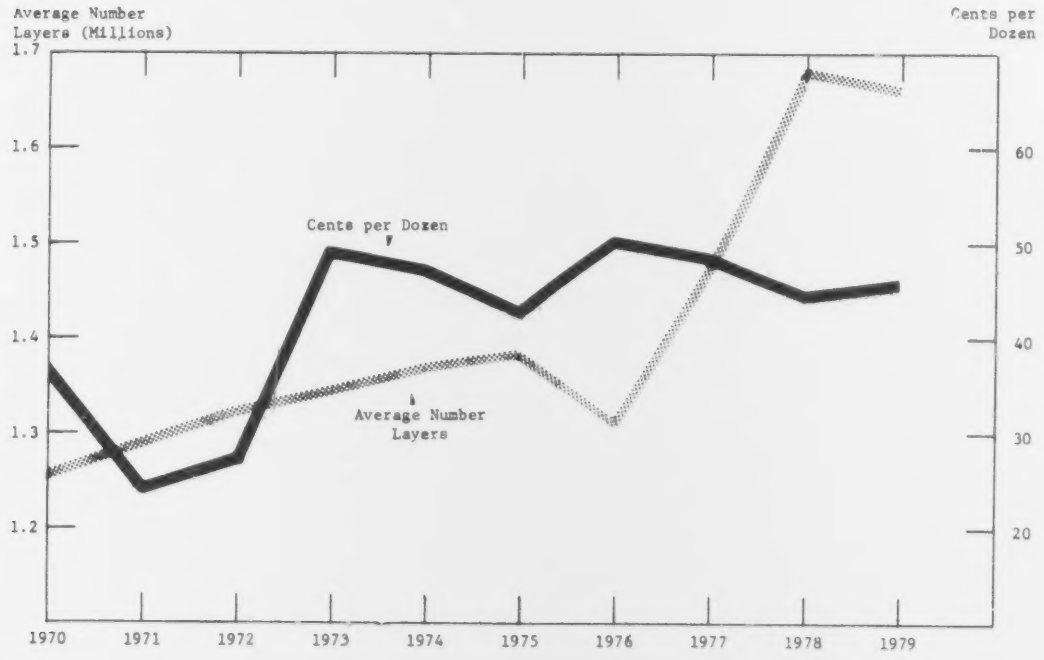


Dairy cattle feeding at manger.

Chickens & Eggs

Utah egg producers saw eggs rise an average of 1.0 cent per dozen during 1979 to 45.0 cents while laying feed rose from $151 per ton in January to $172 per ton in July before settling to $168 per ton in December. Cash receipts fell $47 thousand to $14.4 million in 1979 with 383 million eggs being sold, off 10 million from 1978. The average number of hens during the year dropped 20 thousand to 1,660 thousand and eggs per layer at 232 was 3 less than the year before. The number of birds lost and sold during the year were up 17 and 14 percent respectively, while the number raised was down 7 percent. The majority of the eggs are produced by the large producers headquartered in Salt Lake and Utah Counties.

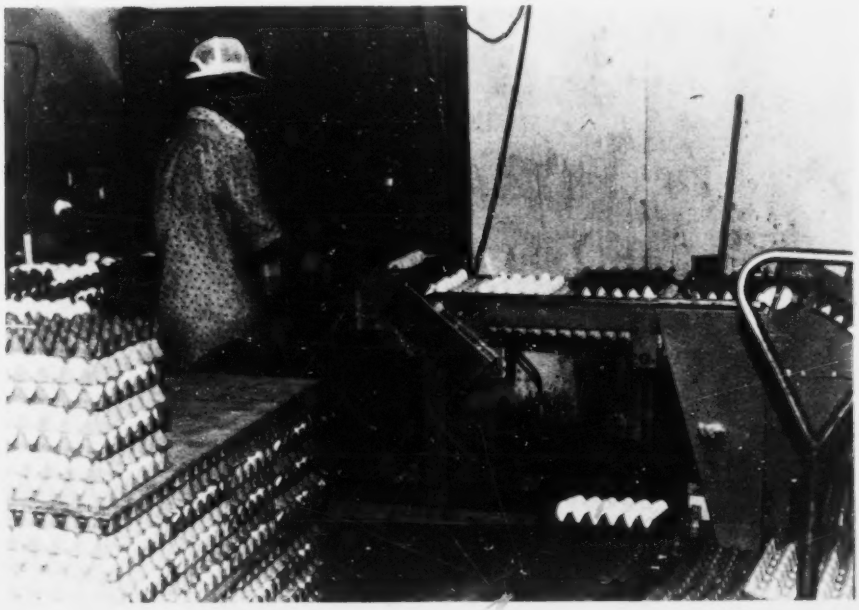
TRENDS IN AVERAGE LAYER NUMBERS AND PRICES PER DOZEN FOR EGGS



Eggs: Layers Production, Disposition, and Income, Utah, Selected Years.

Year	Average Number Layers	Eggs				Income			
		Produced		Disposition		Price per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
		Per Layer	Total	Home Consumption	Sold				
	Thousands		Millions	Millions	Millions	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940...	1,739	155	269	39	230	18.7	3,584	592	4,176
1944 1/	2,658	165	439	43	396	35.5	11,715	1,242	12,957
1950...	2,310	184	425	32	393	39.5	12,936	1,053	13,989
1960...	1,377	223	307	13	294	34.9	8,550	378	8,928
1970...	1,256	216	271	4	267	36.0	8,010	120	8,130
1971...	1,289	223	287	3	284	23.9	5,656	60	5,716
1972...	1,326	223	296	2	294	27.8	6,811	46	6,857
1973...	1,346	227	306	2	304	48.9	12,388	82	12,470
1974...	1,369	227	311	2.5	308.5	46.3	11,903	96	11,999
1975...	1,381	232	321	2	319	42.7	11,351	71	11,422
1976...	1,310	216	283	1.5	281.5	50.0	11,729	63	11,792
1977...	1,468	228	335	2	333	48.2	13,376	80	13,456
1978...	1,680	235	395	2	393	44.0	14,410	73	14,483
1979...	1,660	232	385	2	383	45.0	14,363	75	14,438

1/ Record high layers and eggs produced.



Eggs are sorted and packed for shipping.

Chicken Inventory 1/: Number and Value, Utah, Selected Years.

Date	Hens & Pullets of Laying Age	Pullets 3 Mo. & Over--Not Laying	Pullets Under 3 Months	Other Chickens	Total Chickens		
					Number	Value	
						Average	Total
	1,000	1,000	1,000	1,000	1,000	Dollars	1,000 Dollars
Jan. 1, 1940....	2,191	3/	4/	175	2,366	.63	1,491
Jan. 1, 1944 2/.	3,181	3/	4/	313	3,494	1.10	3,843
Jan. 1, 1950....	2,871	3/	4/	150	3,021	1.22	3,686
Jan. 1, 1960....	1,691	3/	4/	69	1,760	.94	1,654
Jan. 1, 1970....	1,320	190	219	10	1,739	1.20	2,087
Dec. 1, 1969....	1,332	190	219	10	1,751	1.20	2,101
Dec. 1, 1970....	1,182	218	327	10	1,737	1.10	1,911
Dec. 1, 1971....	1,312	194	255	11	1,772	1.10	1,949
Dec. 1, 1972....	1,292	136	272	2	1,702	1.30	2,213
Dec. 1, 1973....	1,380	255	233	3	1,871	1.45	2,713
Dec. 1, 1974....	1,339	212	241	4	1,796	1.55	2,784
Dec. 1, 1975....	1,284	239	207	4	1,734	1.85	3,208
Dec. 1, 1976....	1,387	223	210	1	1,821	1.75	3,187
Dec. 1, 1977....	1,669	136	284	5	2,094	1.80	3,769
Dec. 1, 1978....	1,700	108	335	7	2,150	2.05	4,408
Dec. 1, 1979....	1,682	208	106	4	2,000	2.20	4,400

1/ Excludes commercial broilers. 2/ Record high January 1 chicken inventory. 3/ Included with hens and pullets. 4/ Included in hens and pullets and in other chickens.

Chickens 1/: Inventory Numbers, Number Raised, and Disposition, Utah, Selected Years.

Year 2/	All Chickens on Hand Beginning of Year	Lost	Raised	Home Consumption	Sold	All Chickens on Hand End Of Year	Produced	
							Number	Weight
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Pounds
1940...	2,366	426	2,917	512	2,044	2,301	2,491	7,627
1950...	3,021	634	4,236	395	3,562	2,666	3,602	13,851
1960...	1,760	334	1,397	203	1,018	1,602	1,063	4,252
1970...	1,751	200	862	38	638	1,737	662	2,336
1971...	1,737	190	1,045	20	800	1,772	855	3,146
1972...	1,772	190	830	20	690	1,702	640	2,349
1973...	1,702	180	1,075	16	710	1,871	895	3,489
1974...	1,871	190	1,024	14	895	1,796	834	3,274
1975...	1,796	144	922	13	827	1,734	778	3,032
1976...	1,734	126	927	13	701	1,821	801	3,050
1977...	1,821	183	963	13	494	2,094	780	2,828
1978...	2,094	180	1,000	20	744	2,150	820	2,998
1979...	2,150	210	930	20	850	2,000	720	3,299

1/ Excludes commercial broilers. 2/ Jan. 1-Jan. 1 through 1969--Dec. 1-Dec. 1 starting 1970.

Chickens 1/: Disposition, Cash Receipts, and Gross Income, Utah, Selected Years.

Year	Sold	Home Consumption	Price per Pound	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	1,000 Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940....	6,132	1,690	11.0	839	675	186	861
1950....	13,892	395	20.7	2,867	2,867	278	3,154
1960....	4,174	710	8.2	349	342	58	400
1970....	2,552	152	4.0	93	102	6	108
1971....	3,040	80	4.0	126	122	3	125
1972....	2,691	80	5.6	132	151	4	155
1973....	2,769	64	12.0	419	332	8	340
1974....	3,491	56	6.0	196	209	3	212
1975....	3,143	51	4.0	121	126	2	128
1976....	2,664	51	7.0	214	186	4	190
1977....	1,877	51	7.5	212	141	4	145
1978....	2,827	78	6.6	198	187	5	192
1979....	3,230	78	8.0	264	258	6	264

1/ Excludes commercial broilers.

Chickens Including Broilers: Production and Income, Utah, Selected Years.

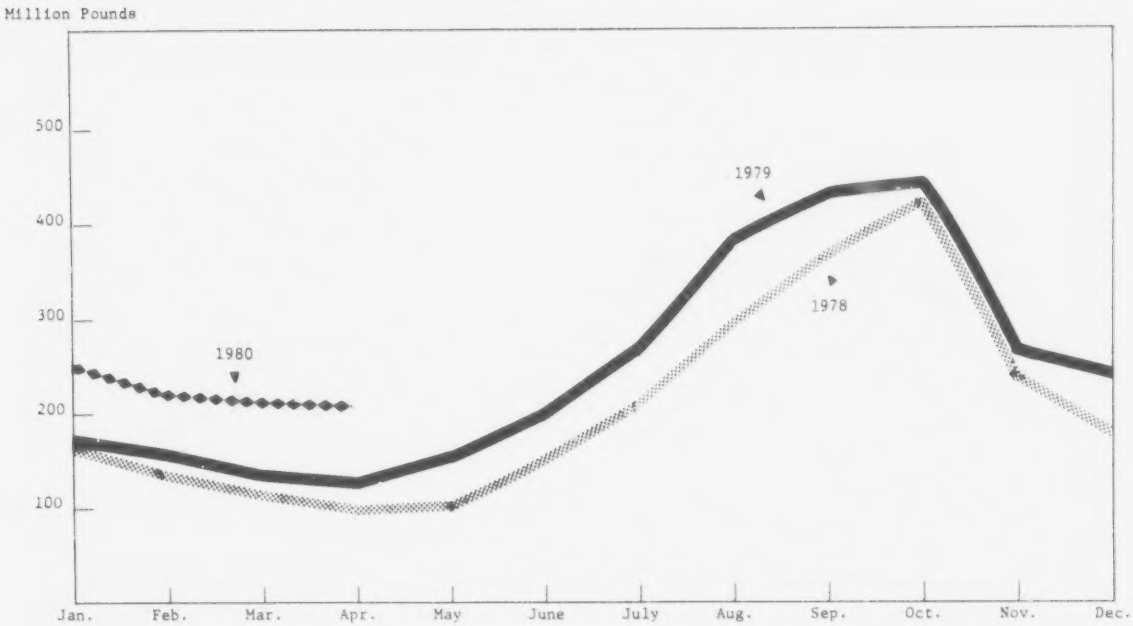
Year	Broilers				Total Chickens & Broilers		
	Number Produced	Pounds Produced	Price per Pound	Gross Income	Pounds Sold	Price per Pound	Value of Sales
	1,000	1,000	Cents	1,000 Dollars	1,000	Cents	1,000 Dollars
1940....	--	--	--	--	6,132	11.0	675
1950....	700	2,170	29.0	629	16,062	21.8	3,505
1960....	1,846	6,276	19.3	1,211	10,450	14.9	1,553
1970....	1,206	4,583	17.0	779	7,135	12.3	881
1971....	--	--	--	--	3,040	4.0	122
1972....	--	--	--	--	2,691	5.6	151
1973....	--	--	--	--	2,769	12.0	332
1974....	--	--	--	--	3,491	6.0	209
1975....	--	--	--	--	3,143	4.0	126
1976....	--	--	--	--	2,664	7.0	186
1977....	--	--	--	--	1,877	7.5	141
1978....	--	--	--	--	2,827	6.6	187
1979....	--	--	--	--	3,230	8.0	258

Turkeys

Gross income from the sale of turkeys in 1979 was the second highest on record. An increase from the previous year in numbers produced and a record high average weight more than offset the effect of the two-cent reduction in the price per pound received. In terms of cash receipts to Utah farmers, turkeys rank fourth in importance, behind cattle, milk and hay. Utah producers operate at some economic disadvantage to their Midwestern counterparts since much of the feed is shipped long distances and freight costs add to the costs of production. The industry has managed to stay competitive through close cooperation and careful control of costs.

In 1980, the picture for turkey growers looks much less bright than it has for the past two years. Cold storage holdings are running well above recent years and supplies of other meats, particularly pork, are plentiful. For the first four months of 1980, U.S. prices averaged 20 percent lower than the same period in 1979.

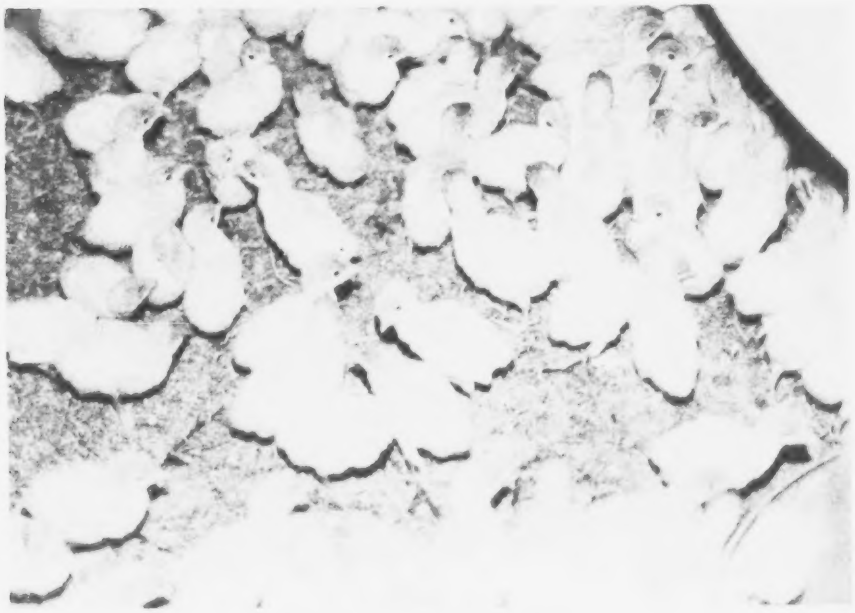
TOTAL FROZEN TURKEYS - UNITED STATES, 1978 - 1980



Turkeys: Production and Gross Income, Utah, Selected Years.

Year	Raised			Average Weight	Produced	Per Pound	Gross Income 1/
	Heavy	Light	Total				
	1,000 Head	1,000 Head	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1940.....	--	--	854	16.0	13,656	17.4	2,376
1950.....	--	--	1,673	21.5	35,914	27.8	9,984
1960.....	2,706	95	2,801	20.2	56,515	24.3	13,733
1970.....	3,946	0	3,946	21.6	85,234	22.1	18,837
1971.....	3,828	0	3,828	23.5	89,958	22.0	19,791
1972.....	3,905	0	3,905	22.8	89,034	21.5	19,142
1973 2/....	4,061	0	4,061	22.5	91,373	43.0	39,290
1974.....	3,438	33	3,471	22.2	77,056	29.0	22,346
1975.....	3,369	77	3,446	21.8	75,123	37.0	27,796
1976.....	3,417	23	3,440	22.1	76,024	33.0	25,088
1977.....	2,664	0	2,664	23.2	61,805	37.1	22,930
1978.....	2,794	0	2,794	22.9	63,983	49.0	31,352
1979.....	2,921	0	2,921	23.5	68,644	47.0	32,263

1/ Includes home consumption, less than 1% of production. 2/ Record high turkeys raised.



Young turkey poults.

Mink

For the fourth consecutive year mink production in the State has increased. The 413,000 pelts produced in 1979 compares with 411,000 a year earlier, and is the second highest since the annual survey began in 1969. The number of ranches producing mink in the State declined steadily from 1969 to 1976, but with better prices, the trend has reversed. Since 1976 there has been a slow but steady increase in the number of producers--up 14 percent in three years. A further increase in pelt production is indicated by the 6 percent increase in the number of females bred to produce kits in the spring of 1980.

The U.S. average price in 1978 was $39.30--up 39 percent from 1977. At this price, Utah pelts were worth $16.2 million or 3.2 percent of all farm cash receipts.

Utah ranks third Nationally in mink production--exceeded only by Wisconsin and Minnesota. Several color classes are produced in the State with "Standard" the most important followed by "Pastel". These two classes account for about two-thirds of the State's total. Demi-Buff, Pearl, Violet Type, and Sapphire account for most of the balance with a few Pale Brown, Gunmetal, Platinum, Lavender-Hope, Pink, and White also produced.

Mink production in Utah is primarily in the north central counties of the State--from Cache on the north to Utah County on the south. The heaviest concentrations are in Salt Lake, Morgan and Summit Counties. A few producers are scattered out of the main area--in the Uinta Basin and in central Utah.

Mink: Pelts Produced 1969-79 and Females Bred 1970-80, Utah and U.S.

Year	UTAH			UNITED STATES		
	Ranches Producing Pelts	Pelts Produced	Females Bred	Ranches Producing Pelts	Pelts Produced	Females Bred
		1,000	1,000		1,000	1,000
1969.....	343	439	--	2,794	5,688	--
1970.....	308	396	134	2,227	4,532	1,416
1971.....	261	340	108	1,615	3,380	1,011
1972.....	225	285	94.5	1,380	2,965	858
1973.....	218	283	100	1,329	3,037	902
1974.....	198	315	103	1,221	3,128	905
1975.....	186	308	99	1,081	3,067	870
1976.....	168	323	97.7	1,015	3,026	837
1977.....	185	359	113	1,040	3,076	887
1978.....	187	411	129	1,083	3,347	925
1979.....	191	413	141	--	--	963
1980.....	--	--	149	--	--	--

Honey

Beekeepers received a record high $1.29 million dollars for their 1979 honey production. Both yield per colony and total production were below 1977, but the record price of 58.5 cents per pound brought the value to a new high. Since 1973 prices have been above fifty cents, ranging from 50.3 to 58.5. Yield per colony has been much more variable since it depends on weather, condition of nectar plants, disease, and several other factors. Price and value of beeswax also set record highs grossing $67,000 for the season.

Colony numbers for the past several years have remained fairly stable. The range since 1971 has been between 43,000 and 48,000. In the longer run, colonies are well short of the 78,000 in 1936 and honey production is less than one-half the record high. In addition to the long term decline, there has been a trend away from hobby beekeepers with a few colonies to more concentration in the hands of a few relatively large producers.

Honey & Beeswax: Number of Colonies, Production, Average Price and Value, Utah, Selected Years.

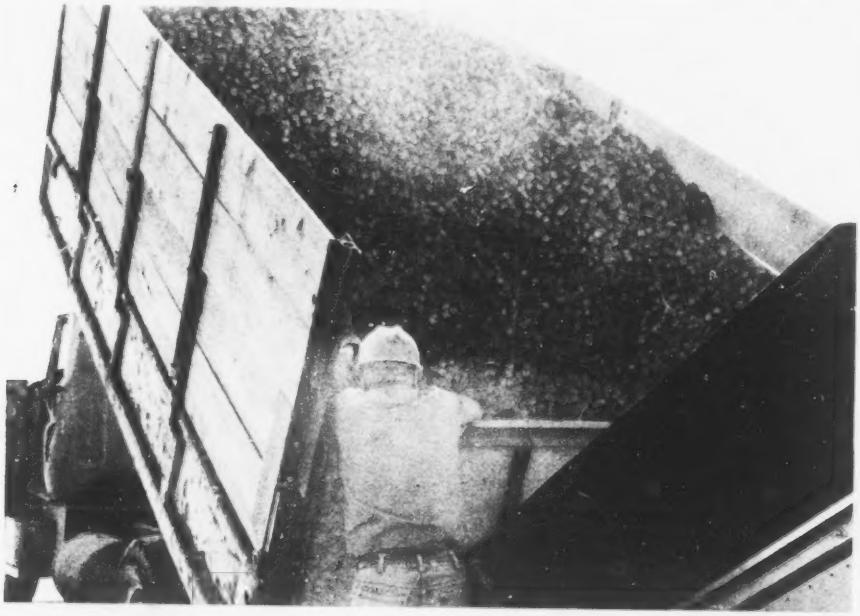
Year	Colonies of Bees	Honey				Beeswax		
		Production		Value		Production	Value	
		Per Colony	Total	Per Pound	Total		Per Pound	Total
	1,000 Colonies	Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars
1936 1/	78	60	4,680	--	--	49	.36	18
1940...	53	45	2,385	3.6	86	47	.44	21
1950...	49	51	2,499	11.0	275	35	.42	15
1960...	52	34	1,768	15.6	276	79	.42	33
1970...	50	36	1,800	18.1	326	32	.53	17
1971...	48	30	1,440	21.4	308	27	.57	15
1972...	47	37	1,739	33.0	574	31	.59	18
1973...	43	27	1,161	49.1	570	17	.65	11
1974...	45	36	1,620	57.5	932	29	1.11	32
1975...	46	42	1,932	57.2	1,105	44	.88	39
1976...	47	29	1,363	50.2	684	20	.97	19
1977...	48	50	2,400	53.2	1,277	38	1.61	61
1978...	47	30	1,410	57.0	804	25	1.72	43
1979...	46	48	2,208	58.5	1,292	38	1.77	67

1/ Record high number of colonies of bees.

Farm Labor

Two long established trends continued in Utah farm labor in 1979--numbers of workers were down and wages were up. Total farm workers were the lowest since 1972, a year when the fruit crop was almost totally destroyed by spring frost. Utah has followed the national trend away from labor intensive crops. Vegetable acreage has declined sharply and sugar beet acreage has all but disappeared in the State. Fruits have held their own, but ways are being found to reduce labor in that industry. Innovations, such as drip irrigation systems and shaker harvesting of tart cherries, have helped bring down labor needs. Haying, which once required a sizable crew, is now largely a one-man operation. Even livestock handling has, with the addition of good pens, squeeze chutes and tilt tables, become less of a labor user. Dairy operations, historically heavy labor users, are becoming larger and more efficient.

Wage rates increased in 1979 at about the national inflation rate, rising from $2.75 per hour to $3.32. While the State's wage rates are a few cents per hour below the national average, they are above the average of surrounding states. Rates in Idaho and Arizona are higher than Utah, while Nevada and Wyoming are well below. Colorado and Utah are at the same level. Average wage rates are influenced by the types of agriculture practiced in a state as well as the general economy of the State. Naturally, some types of farm labor require special skills and command a higher price than would a field worker or a herder. In California, for example, where farm operators compete with industry for workers and where a diverse agriculture requires many special skills, wages are generally high.



Farm worker unloads hay cubes.

Farm Labor and Wage Rates, Utah by Quarters 1979, and Annual Averages 1978 and 1979.

	Annual Avg. 1978	Jan. 7-13 1979	Apr. 8-14 1979	Jul. 8-14 1979	Oct. 7-13 1979	Jan. 6-12 1980	Annual Avg. 1979
Workers on Farms (000)							
Total	24.5	15.0	23.0	28.0	14.0	18.0	20.3
Family 1/	18.0	11.0	17.0	21.0	10.0	14.0	15.0
Hired 2/	6.5	4.0	6.0	7.0	4.0	4.0	5.3
Hours Worked per Worker							
Farm Operator 1/	--	29.5	56.3	58.0	36.7	26.5	--
Other Unpaid Family Members 1/	--	36.2	33.2	30.1	29.0	38.4	--
All Family 1/	--	31.2	52.0	46.0	35.2	27.5	--
Hired Workers 2/	--	32.5	39.2	34.8	36.0	34.9	--
Farm Wage Rates - Dollars per Hour							
By Piece Rate	--	3/	3/	3/	3/	3/	--
By Other than Piece Rate.	--	3.00	3.14	3.57	3.42	3.75	--
By Hour Only	--	2.87	3.34	3.75	3.30	3.56	--
By Cash Wages Only	--	3.09	3.30	3.65	3.80	4.00	--
By Hour Receiving Cash Wages Only	2.95	2.90	3.51	3.91	3.55	3.68	3.62
All	2.75	3.03	3.14	3.57	3.45	3.76	3.32
Wage Rates by Type of Work							
Field and Livestock Workers	--	--	--	--	--	--	--
Field Workers	2.73	3/	3.09	3.60	3.75	4.23	3.45
Livestock Workers	2.43	2.81	2.76	3.30	2.96	3.50	2.90
Packing House Workers	--	3/	3/	3/	3/	3/	--
Machine Operators	--	3/	3.34	3/	3/	3/	--
Maintenance and Bookkeeping Workers	--	3/	--	3/	--	--	--
Supervisors	--	4.50	4.50	3/	4.93	3/	--
Other Agricultural Workers	--	3.24	3.50	3/	3/	3/	--

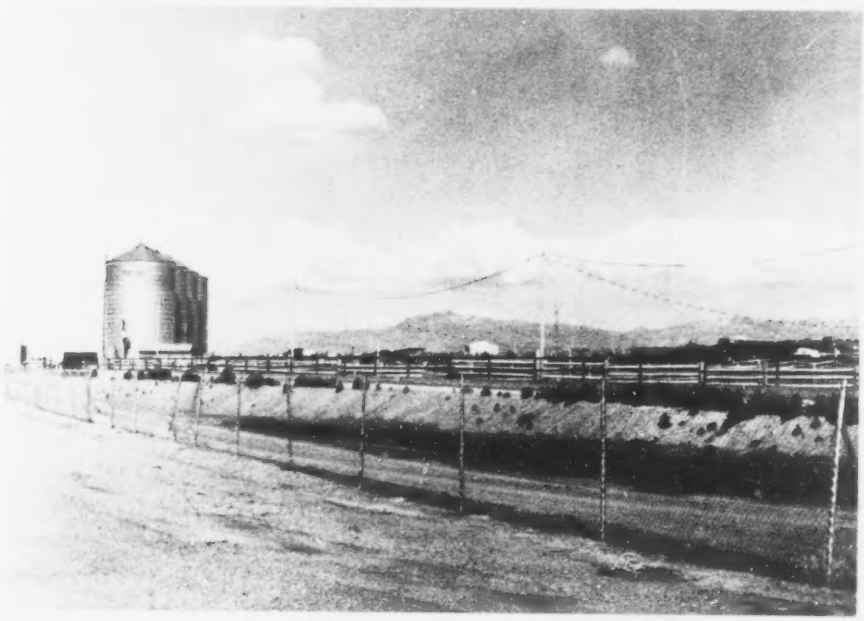
1/ Includes operators working one or more hours plus unpaid family members working 15 or more hours during the calendar week. 2/ All persons working one hour or more for cash wages during the survey week. 3/ Insufficient data for this category.

Agricultural Prices

The series of "prices received by farmers" as published by the Department of Agriculture relate generally to average prices farmers receive for their products sold at local markets, or at the point to which farmers deliver their products in their own conveyances, or in local conveyances which they hire for that purpose. Prices received by farmers are estimated to reflect sales of all classes and grades of the commodity being sold. The average-price concept is that of a price which, if multiplied by the total quantity of the commodity sold, would give the total amount received by all farmers for the commodity. The primary reason for this definition of price is to evaluate income from marketings of commodities and thus to develop estimates of income to agriculture.

Prices for most commodities relate to the mid-month level for sales about the 13th to the 17th when surveys are made. However, prices for a few commodities such as milk and wool relate to all sales during the month and starting in 1977 barley prices represent an average for sales during the entire month.

Monthly prices have been discontinued for several agricultural products produced in Utah because the State accounts for such a small portion of the U.S. total. Only a season average price is now estimated for these commodities which include wheat, corn, oats, dry beans, potatoes, alfalfa seed, hogs, chickens and eggs.



Large-scale farming requires specialized facilities.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						BARLEY (Dollars per Bushel) 1/						
1950	1.09	1.07	1.13	1.08	1.08	1.11	1.18	1.12	1.14	1.11	1.11	1.18
1960	1.02	1.00	1.00	1.00	1.00	1.02	.98	.98	.98	1.00	1.00	1.01
1970	1.10	1.10	1.09	1.04	1.03	1.05	1.01	.98	.99	1.04	1.07	1.12
1972	1.15	1.21	1.21	1.22	1.22	1.14	1.14	1.15	1.22	1.22	1.30	1.34
1973	1.50	1.60	1.62	1.58	1.62	1.71	1.76	2.17	2.27	2.34	2.24	2.30
1974	2.48	2.50	2.65	2.49	2.34	2.42	2.46	2.72	2.89	3.04	3.13	3.24
1975	3.04	2.74	2.50	2.59	2.70	2.56	2.60	2.58	2.61	2.56	2.48	2.40
1976	2.40	2.40	2.48	2.43	2.43	2.50	2.50	2.33	2.24	2.24	2.08	2.10
1977	2.11	2.19	2.20	2.24	2.25	2.12	1.90	1.69	1.69	1.68	1.82	1.95
1978	1.99	2.06	2.07	2.09	2.28	2.08	2.17	1.96	1.97	2.04	2.02	2.06
1979	2.06	2.08	2.05	2.10	2.03	2.14	2.19	2.16	2.30	2.36	2.49	2.53
						ALFALFA HAY, BALED (Dollars per Ton) 2/						
1950	21.60	20.00	18.30	18.30	18.80	20.00	22.00	22.50	22.50	22.90	22.90	24.00
1960	27.00	27.50	26.50	26.50	26.70	26.70	26.40	26.40	27.00	27.00	28.00	28.50
1970	25.50	26.00	26.00	25.50	25.50	25.50	24.00	24.00	24.50	24.50	25.50	25.50
1972	35.00	37.00	36.50	35.00	33.00	33.00	33.00	33.50	33.50	34.50	35.50	38.50
1973	39.00	41.50	42.50	42.00	41.00	36.50	36.00	37.50	38.50	39.50	41.50	43.50
1974	45.00	45.00	46.00	46.50	46.00	45.00	45.50	46.50	47.50	48.00	49.00	49.50
1975	48.50	48.50	48.00	48.50	55.50	60.00	52.00	50.50	51.00	51.50	51.00	51.50
1976	52.00	53.00	54.50	55.00	56.50	53.50	53.00	53.00	54.50	53.50	54.00	56.00
1977	56.00	57.00	59.50	61.00	65.50	66.50	63.50	61.00	56.50	54.50	56.00	55.50
1978	56.00	54.50	54.00	50.50	50.50	49.00	47.50	46.50	45.00	46.00	46.50	48.00
1979	50.00	50.50	52.00	52.00	52.50	53.00	52.50	51.50	51.50	53.50	57.00	59.00
						ALL HAY, BALED (Dollars per Ton) 2/						
1950	21.10	19.20	17.50	17.50	18.30	19.00	21.00	21.50	21.50	22.50	22.50	23.50
1960	26.20	26.80	25.70	25.70	25.70	26.00	25.50	25.60	26.40	26.50	27.40	27.80
1970	25.00	25.50	25.50	25.00	25.00	25.00	23.50	23.40	23.80	23.90	24.90	24.90
1972	34.00	36.20	35.70	34.20	32.00	32.00	32.00	32.70	32.70	33.70	34.70	37.60
1973	38.00	40.50	41.50	41.00	40.00	36.50	35.00	36.50	37.50	39.00	41.00	42.50
1974	45.00	44.50	45.00	46.00	45.50	44.50	45.00	46.00	46.50	47.50	48.50	48.50
1975	47.50	48.00	47.00	48.00	55.00	59.50	51.50	50.00	50.50	51.00	50.00	50.50
1976	51.00	52.50	54.00	54.00	55.50	52.50	52.00	52.00	53.50	52.50	53.00	55.00
1977	55.00	56.00	58.50	60.00	64.00	65.00	62.50	60.00	55.50	53.50	55.00	54.50
1978	55.00	54.00	53.00	50.00	50.00	48.50	46.50	45.50	44.00	45.00	45.50	46.50
1979	49.00	49.50	51.00	51.00	51.50	52.00	51.00	50.50	51.00	52.50	56.00	59.00

1/ Average price relates to mid-month average through 1976. Starting in 1977, it represents an average for the entire month. 2/ Mid-month average price.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
COWS (Dollars per Cwt.) 1/												
1950	Not Available											
1960	14.00	14.70	16.00	15.70	16.00	14.60	13.10	13.30	13.50	13.10	12.90	13.70
1970	20.00	21.50	22.50	21.80	21.30	20.90	20.70	20.10	19.90	18.40	17.70	18.10
1972	20.60	23.40	24.90	23.10	24.00	24.30	23.80	24.50	25.30	25.00	24.00	25.00
1973	25.30	27.00	31.00	32.40	32.50	32.70	32.00	40.00	34.20	32.00	28.00	28.00
1974	31.40	32.60	31.50	30.20	27.90	23.00	21.70	23.20	20.60	18.50	16.30	16.50
1975	16.50	19.00	19.10	20.40	20.90	22.30	21.10	19.40	20.70	20.10	18.80	20.20
1976	21.40	24.80	27.20	28.70	28.80	27.40	26.20	25.80	23.60	22.90	20.00	19.70
1977	20.60	22.90	23.70	25.90	24.80	26.00	25.60	26.00	26.30	26.20	24.80	25.90
1978	27.80	31.00	32.60	34.90	37.60	34.80	37.10	34.90	37.30	38.40	37.80	39.80
1979	46.20	49.70	52.90	53.90	52.10	46.60	45.50	44.40	46.80	44.90	44.10	45.00
STEERS & HEIFERS (Dollars per Cwt.) 1/												
1950	Not Available											
1960	20.50	21.10	22.30	22.40	22.70	21.30	20.60	19.70	19.70	18.80	18.80	20.30
1970	27.50	28.70	31.50	28.80	29.00	29.00	28.50	26.80	26.90	26.70	26.90	25.80
1972	34.50	35.00	33.50	33.50	36.00	36.00	36.00	35.00	35.00	36.30	36.50	37.00
1973	39.50	43.00	46.00	44.00	44.60	44.20	44.30	52.70	47.60	47.50	41.50	37.90
1974	45.90	46.00	41.10	40.50	38.10	34.00	35.40	35.00	30.50	28.70	26.90	27.20
1975	25.40	25.30	26.40	30.80	34.00	35.00	35.20	31.50	31.40	31.00	30.30	31.90
1976	32.80	34.40	34.40	39.00	38.70	37.40	34.20	32.50	33.50	31.60	32.70	33.00
1977	32.60	33.00	34.00	35.60	36.50	36.60	38.00	36.90	37.10	38.50	37.80	38.70
1978	40.00	43.10	47.20	49.00	53.60	52.80	51.70	52.10	55.70	56.40	55.50	59.60
1979	64.30	68.20	76.40	79.40	75.90	68.50	66.80	61.10	70.30	68.00	69.20	68.60
BEEF CATTLE (Dollars per Cwt.) 1/												
1950	20.00	20.00	20.50	21.50	23.00	23.00	23.50	24.00	24.00	24.30	25.30	26.20
1960	18.10	18.90	20.40	20.30	20.50	18.70	17.50	17.20	17.50	17.20	16.90	18.00
1970	25.20	26.30	28.70	26.70	26.70	26.70	25.90	24.60	24.70	24.40	24.60	23.70
1972	30.60	31.50	30.90	30.50	32.40	32.30	31.90	31.50	31.90	33.00	33.20	33.80
1973	35.50	38.20	41.70	40.80	41.00	40.60	40.20	48.50	43.30	43.00	38.00	35.20
1974	41.80	42.00	38.30	37.60	34.60	30.20	30.30	30.60	26.90	25.30	23.70	23.90
1975	22.60	23.20	24.00	27.50	29.50	30.60	30.10	27.10	27.70	27.40	26.70	28.20
1976	29.20	30.90	31.90	35.50	34.30	32.20	28.80	27.90	28.00	27.20	26.20	27.00
1977	28.00	29.60	30.50	32.40	32.20	32.40	34.30	34.30	34.80	35.70	33.90	34.60
1978	36.00	39.70	44.00	45.60	50.20	49.00	49.10	49.90	52.80	53.00	52.70	55.00
1979	60.10	63.80	71.00	73.30	71.10	65.20	62.50	57.90	65.60	63.80	63.70	62.90

1/ Mid-month average price.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
CALVES (Dollars per Cwt.) 1/												
1950	23.00	24.00	24.80	25.50	26.50	26.00	27.00	27.00	27.50	28.00	29.00	29.50
1960	24.00	25.00	25.20	25.80	26.00	23.50	22.00	20.50	21.30	22.50	22.30	23.50
1970	35.00	37.20	38.00	34.50	34.40	34.90	33.00	31.00	31.70	33.00	32.60	33.30
1972	40.00	41.00	42.00	40.50	41.50	42.00	42.50	42.50	44.60	48.40	46.50	46.50
1973	49.00	51.00	56.00	55.00	55.00	55.50	55.00	63.00	58.50	58.50	54.00	49.00
1974	54.70	54.90	51.10	46.50	42.70	37.20	35.10	33.80	29.60	27.70	26.30	24.20
1975	23.30	23.30	23.90	27.40	27.70	30.00	26.00	23.30	26.00	26.40	29.40	31.00
1976	32.00	34.80	36.00	39.50	40.60	41.40	36.00	33.50	32.10	34.00	34.30	33.50
1977	31.90	35.20	34.80	37.40	35.20	36.40	36.40	36.50	38.80	41.30	39.40	40.60
1978	44.00	46.20	49.80	53.10	58.40	56.80	56.70	60.30	64.30	70.60	68.30	70.40
1979	80.10	85.10	96.40	95.50	90.90	91.20	81.70	86.00	85.30	85.50	89.60	83.90
MILK COWS (Dollars per Head) 1/												
1950	200	200	200	200	205	210	210	210	215	225	225	230
1960	220	220	220	225	225	235	225	225	215	205	205	215
1970	320	320	330	330	330	330	325	315	310	320	340	320
1972	350	360	350	340	335	330	330	340	340	340	350	370
1973	370	370	400	380	460	460	470	480	510	500	470	510
1974	550	545	555	570	520	480	485	495	450	415	410	420
1975	400	385	400	370	390	390	400	390	400	410	430	460
1976	455	455	485	490	505	505	480	510	480	480	495	500
1977	480	480	490	490	490	460	480	500	510	495	525	500
1978	510	520	545	565	615	660	670	690	725	745	770	805
1979	850	890	1010	1090	1090	1050	1080	1060	1050	1090	1090	1100
TURKEYS (Cents per Pound) 1/												
1950	27.0	27.0	27.0	19.5	21.0	22.0	25.0	36.0	27.0	27.0	27.0	30.0
1960	30.0	28.0	27.0	28.0	25.0	21.0	22.0	23.0	23.0	24.0	26.0	26.0
1970	24.0	27.0	24.0	--	26.0	25.0	22.0	22.0	22.0	22.0	21.0	22.0
1972	23.0	22.0	22.0	22.0	22.0	22.0	22.0	21.0	21.0	21.0	22.0	22.0
1973	24.0	--	28.0	28.0	34.0	36.0	36.0	54.0	52.0	44.0	40.0	38.0
1974	32.0	32.0	--	27.0	25.0	23.0	25.0	28.0	28.0	29.0	34.0	35.0
1975	34.0	32.0	29.0	--	32.0	34.0	35.0	36.0	38.0	39.0	39.0	38.0
1976	35.0	34.0	--	--	36.0	32.0	33.0	33.0	32.0	32.0	32.0	35.0
1977	35.0	34.0	37.0	36.0	33.0	34.0	35.0	34.0	35.0	39.0	40.0	41.0
1978	--	--	--	--	42.0	41.0	47.0	49.0	45.0	50.0	52.0	54.0
1979	50.0	--	--	--	44.0	45.0	41.0	43.0	49.0	46.0	51.0	51.0

1/ Mid-month average price.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						MILK, ALL (Dollars per Cwt.) 1/						
1950	4.00	3.90	3.65	3.50	3.30	3.30	3.35	3.60	3.75	4.00	4.15	4.15
1960	4.25	4.15	4.05	3.95	3.85	3.80	3.80	3.95	4.20	4.25	4.35	4.40
1970	5.70	5.55	5.40	5.45	5.35	5.20	5.20	5.30	5.55	5.65	5.80	5.80
1972	5.90	5.85	5.80	5.75	5.65	5.60	5.55	5.65	5.85	6.05	6.20	6.25
1973	6.35	6.35	6.40	6.30	6.30	6.30	6.40	7.00	7.55	8.05	8.45	8.80
1974	9.05	9.10	9.10	8.85	8.05	7.50	7.45	7.55	7.60	7.85	8.05	7.65
1975	8.25	8.10	8.05	8.05	7.95	7.85	8.05	8.30	8.75	9.20	9.40	10.40
1976	9.90	9.55	9.70	9.25	9.25	9.05	9.20	9.45	9.40	9.60	9.60	9.50
1977	9.35	9.15	9.20	9.20	9.10	9.20	9.15	9.20	9.55	9.65	9.75	9.85
1978	9.90	9.90	9.85	9.85	9.85	9.85	9.80	10.20	10.40	10.90	11.30	11.60
1979	11.60	11.80	11.50	11.40	11.30	11.30	11.30	11.60	11.90	12.20	12.50	12.40
						MILK, FLUID (Dollars per Cwt.) 1/						
1950	4.90	4.85	4.55	4.25	4.15	4.15	4.20	4.60	4.80	5.05	5.15	5.20
1960	4.75	4.70	4.60	4.50	4.35	4.30	4.30	4.45	4.70	4.75	4.85	4.85
1970	6.10	5.90	5.75	5.90	5.75	5.60	5.60	5.70	5.95	6.05	6.25	6.25
1972	6.25	6.20	6.10	6.05	5.95	5.85	5.80	5.90	6.20	6.35	6.55	6.60
1973	6.70	6.65	6.65	6.55	6.50	6.55	6.60	7.30	7.85	8.45	8.75	9.05
1974	9.25	9.25	9.30	9.10	8.40	7.75	7.70	7.80	7.75	8.05	8.35	7.80
1975	8.55	8.30	8.20	8.20	8.05	7.95	8.10	8.40	8.85	9.30	9.50	10.80
1976	10.20	9.85	9.95	9.40	9.40	9.10	9.25	9.55	9.55	9.80	9.85	9.65
1977	9.50	9.30	9.30	9.30	9.20	9.30	9.30	9.40	9.75	9.85	10.00	10.00
1978	10.10	10.10	10.00	10.00	10.00	10.00	9.90	10.30	10.50	11.10	11.50	11.80
1979	11.80	12.00	11.60	11.50	11.30	11.30	11.30	11.70	12.00	12.40	12.80	12.70
						MILK, MFG. (Dollars per Cwt.) 1/						
1950	3.25	3.15	3.00	2.90	2.75	2.75	2.75	2.85	2.90	3.05	3.15	3.25
1960	3.25	3.15	3.05	3.00	2.95	2.90	2.85	2.95	3.10	3.20	3.25	3.35
1970	4.70	4.65	4.60	4.50	4.45	4.40	4.35	4.40	4.55	4.65	4.75	4.80
1972	5.05	5.05	5.00	5.00	4.95	4.95	4.95	5.00	5.05	5.15	5.25	5.40
1973	5.40	5.50	5.70	5.65	5.65	5.70	5.85	6.25	6.75	7.00	7.55	8.05
1974	8.50	8.65	8.65	8.15	7.15	6.85	6.85	6.80	7.20	7.35	7.25	7.20
1975	7.40	7.45	7.65	7.65	7.75	7.65	7.85	8.05	8.40	8.90	9.05	9.30
1976	9.00	8.80	8.95	8.90	8.90	8.85	9.05	9.15	9.00	9.00	8.85	9.00
1977	8.85	8.70	8.90	8.85	8.80	8.75	8.65	8.70	8.90	9.05	9.15	9.40
1978	9.40	9.40	9.45	9.50	9.45	9.50	9.55	9.85	10.10	10.40	10.70	10.90
1979	11.00	11.20	11.10	11.30	11.20	11.20	11.30	11.50	11.60	11.70	11.90	11.80

1/ Average for the month.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
					SHEEP (Dollars per Cwt.) 1/							
1950	8.60	8.60	9.50	9.50	9.00	8.50	9.00	9.00	11.00	11.50	12.00	12.50
1960	6.50	7.00	7.00	7.00	6.50	6.50	5.50	5.00	4.50	4.80	4.50	5.00
1970	7.60	7.60	7.70	8.20	7.50	8.30	8.50	8.00	7.50	6.50	6.00	6.00
1972	5.60	6.00	6.80	6.30	7.30	6.70	6.00	6.20	6.00	6.40	6.40	6.40
1973	7.50	8.60	9.50	9.00	9.00	9.00	11.30	16.00	14.50	11.20	12.80	14.30
1974	14.40	17.20	13.10	14.20	12.50	10.20	10.60	12.60	10.80	8.50	10.10	10.30
1975	9.30	8.50	10.80	11.00	11.80	9.60	9.60	10.70	10.20	9.80	9.40	10.30
1976	10.30	11.50	10.50	11.90	13.10	11.60	10.70	11.30	11.00	9.90	10.20	9.80
1977	11.00	10.10	10.50	10.00	10.30	10.00	10.30	10.20	11.00	11.00	12.90	11.50
1978	11.60	13.80	16.40	15.40	14.80	14.30	14.90	15.70	16.00	17.70	18.10	18.20
1979	19.60	19.40	20.90	23.50	21.60	18.90	16.80	17.80	19.50	16.90	15.70	17.50
					LAMBS (Dollars per Cwt.) 1/							
1950	21.30	22.00	22.40	23.00	23.30	24.00	24.00	24.00	25.50	25.50	26.70	27.00
1960	17.80	18.30	20.00	20.00	20.00	19.50	17.80	16.70	16.10	15.20	15.20	16.20
1970	28.00	27.50	27.00	26.00	25.50	26.00	26.00	26.20	25.80	25.00	23.30	21.50
1972	25.50	27.00	26.80	25.50	27.20	28.60	30.30	29.00	28.00	27.30	27.20	28.00
1973	31.80	33.70	37.60	34.50	31.30	36.40	33.90	41.30	28.90	31.10	32.50	33.80
1974	37.90	38.30	34.20	34.60	37.80	38.20	36.10	35.30	31.10	32.30	33.90	34.70
1975	32.70	35.70	36.90	39.10	40.50	43.40	42.70	39.70	40.20	41.80	44.80	45.40
1976	46.40	45.90	46.10	49.20	52.70	49.60	45.50	41.60	42.00	43.70	41.00	41.70
1977	44.80	45.80	45.80	45.30	46.60	49.90	50.00	49.70	50.60	51.80	49.50	53.90
1978	57.70	58.70	61.00	59.10	59.10	59.10	56.40	57.00	62.20	61.00	59.60	60.60
1979	64.20	65.40	61.50	63.10	63.50	61.40	59.90	57.30	67.40	65.50	63.70	62.40
					WOOL (Cents per Pound) 2/							
1950	51	51	54	54	54	57	59	61	63	66	72	80
1960	44	47	42	45	44	44	43	41	41	41	39	39
1970	40	35	36	36	34	37	36	33	35	32	29	26
1972	16	23	21	26	25	27	35	30	35	38	23	38
1973	82	79	79	80	75	85	82	89	79	80	82	82
1974	105	76	58	66	61	59	66	60	59	52	44	39
1975	42	39	36	40	45	43	47	45	51	56	55	45
1976	--	68	59	66	63	64	67	68	--	62	68	66
1977	74	69	68	66	63	63	59	65	56	59	64	67
1978	61	63	67	72	69	69	69	71	67	71	76	71
1979	71	71	79	87	87	90	86	90	86	88	88	93

1/ Mid-month average price. 2/ Average for the month.

County Estimates

A major shortfall of our Agricultural Statistics program has been the lack of information at the county level. Federal funding is provided for state and national estimates, but for smaller geographic areas funds must come from sources within the state. Utah is about the only remaining state where some county estimates program is not provided.

Until now the only source of county figures has been the five-year Census of Agriculture. Naturally, the problem with the Census is its timeliness. The information is usually two years old before it is published and is seven years old before the next publication. If the Census happened to be taken in a particularly good or particularly bad year the levels may not be a good indication of inter-census years. The Census also fails to keep up with changes that are occurring in agriculture. Since the 1974 Census was taken we have passed through at least two hog cycles, a major cattle cycle, and sugarbeet acreage has dropped to nearly zero in the State.

For some time the Crop and Livestock Reporting Service has made county estimates of wheat, corn and barley for use in some special Federal programs. We have been reluctant to publish these data since they are based on very small samples and are not as reliable as we would like. However, since we have made the estimates available to an increasing number of people on a request basis, we felt it only fair to publish them for the use of everyone.

In the long run, we hope to improve the estimates we are now making and to expand our program to include livestock and other crops. The success or failure of our plans will depend largely on the support we can find within the State. If you think the program should be expanded and improved, write your state legislator, your farm organization, the State Department of Agriculture or the Crop and Livestock Reporting Service and let your feelings be known.

Inspectors sample grain for grade and protein.

All Wheat County Estimates - 1979.

County	Acres Planted	Acres Harvested For Grain	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder.....	109,000	101,900	24.4	2,488,200
Cache.....	27,100	24,100	29.0	700,900
Davis.....	4,400	4,000	62.8	251,300
Morgan.....	700	700	21.1	14,800
Rich.....	4,700	4,200	22.8	96,000
Salt Lake.....	13,900	12,900	26.0	336,400
Tooele.....	10,000	7,200	25.3	182,400
Weber.....	2,200	2,000	57.1	114,300
Juab.....	17,300	14,700	21.8	320,300
Millard.....	23,800	20,400	30.9	631,700
Sanpete.....	3,600	3,300	45.1	149,100
Sevier.....	*	*	*	*
Utah.....	17,100	15,100	29.9	452,900
Carbon.....	500	500	47.0	23,500
Daggett.....	*	*	*	*
Duchesne.....	1,000	1,000	46.6	46,600
Emery.....	800	800	50.5	40,400
Grand.....	*	*	*	*
San Juan.....	31,200	27,500	16.8	463,500
Summit.....	800	800	29.1	23,300
Uintah.....	1,400	1,300	29.3	38,200
Wasatch.....	*	*	*	*
Beaver.....	1,100	1,000	69.0	69,000
Garfield.....	800	700	36.7	25,700
Iron.....	1,600	1,400	47.5	66,600
Kane.....	600	500	38.6	19,300
Piute.....	*	*	*	*
Washington.....	3,500	3,100	25.6	79,400
Wayne.....	*	*	*	*
Other Counties...	900	900	51.3	46,200
State.....	278,000	250,000	26.7	6,680,000

*Less than 500 acres planted.

Barley County Estimates - 1979.

County	Planted Acres	Harvested Acres	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder.....	24,200	22,300	70.0	1,562,200
Cache.....	27,600	24,300	52.5	1,277,000
Davis.....	2,900	2,700	71.5	193,300
Morgan.....	1,500	1,300	72.6	94,500
Rich.....	2,800	2,400	55.4	133,000
Salt Lake.....	2,600	2,500	72.0	180,000
Tooele.....	3,600	3,200	53.5	171,200
Weber.....	2,000	1,900	66.9	127,200
Juab.....	2,500	2,400	70.5	169,200
Millard.....	15,500	14,500	74.0	1,074,200
Sanpete.....	9,200	8,000	66.7	533,600
Sevier.....	9,400	9,200	85.0	782,000
Utah.....	11,300	11,000	83.9	923,900
Carbon.....	*	*	*	*
Daggett.....	*	*	*	*
Duchesne.....	2,800	2,600	67.0	174,200
Emery.....	1,000	900	57.0	51,300
Grand.....	*	*	*	*
San Juan.....	600	600	34.0	20,400
Summit.....	1,000	800	68.0	54,400
Uintah.....	1,300	1,200	55.6	66,800
Wasatch.....	2,000	1,800	61.1	110,000
Beaver.....	1,300	1,200	68.0	81,600
Garfield.....	*	*	*	*
Iron.....	9,200	9,000	80.3	722,900
Kane.....	*	*	*	*
Piute.....	800	700	64.0	44,800
Washington.....	3,000	2,700	70.7	190,900
Wayne.....	2,800	2,700	83.0	224,100
Other Counties..	1,100	1,100	69.4	76,300
State.....	142,000	131,000	69.0	9,039,000

*Less than 500 acres planted.

Corn for Grain - 1979.

County	Acres Planted	Acres Harvested For Grain	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder	3,500	3,200	97.0	310,400
Cache	*	*	*	*
Davis	*	*	*	*
Morgan	*	*	*	*
Rich	*	*	*	*
Salt Lake	*	*	*	*
Tooele	*	*	*	*
Weber	*	*	*	*
Juab	*	*	*	*
Millard	700	600	96.0	57,600
Sanpete	*	*	*	*
Sevier	*	*	*	*
Utah	9,700	9,000	96.0	864,000
Carbon	*	*	*	*
Daggett	*	*	*	*
Duchesne	800	700	80.0	56,000
Emery	*	*	*	*
Grand	*	*	*	*
San Juan	*	*	*	*
Summit	*	*	*	*
Uintah	900	800	76.0	60,800
Wasatch	*	*	*	*
Beaver	*	*	*	*
Garfield	*	*	*	*
Iron	*	*	*	*
Kane	*	*	*	*
Piute	*	*	*	*
Washington	*	*	*	*
Wayne	*	*	*	*
Other Counties	2,400	1,700	91.3	155,200
State	18,000	16,000	94.0	1,504,000

*Less than 500 acres planted

Corn for Silage - 1979.

County	Acres Harvested For Silage	Yield Per Acre	Production
		Tons	Tons
Box Elder	13,400	21.7	291,000
Cache	9,000	19.1	172,000
Davis	3,700	20.7	76,700
Morgan	*	*	*
Rich	*	*	*
Salt Lake	700	15.7	11,000
Tooele	800	18.3	14,700
Weber	3,400	18.3	62,300
Juab	600	17.0	10,200
Millard	7,300	21.2	155,000
Sanpete	2,700	18.8	50,800
Sevier	3,900	19.6	76,800
Utah	19,700	18.8	371,000
Carbon	800	17.3	13,900
Daggett	*	*	*
Duchesne	1,600	17.3	27,700
Emery	900	14.2	12,800
Grand	*	*	*
San Juan	*	*	*
Summit	*	*	*
Uintah	2,500	17.2	43,000
Wasatch	*	*	*
Beaver	2,000	17.6	35,200
Garfield	*	*	*
Iron	1,600	21.3	34,200
Kane	*	*	*
Piute	700	16.0	11,200
Washington	*	*	*
Wayne	*	*	*
Other Counties	700	17.9	12,500
State	76,000	19.5	1,482,000

*Less than 500 acres planted.

Weather

The year of 1979 got off to one of the coldest starts in recent history. Woodruff reported an extreme minimum of -43°F on New Year's morning and the Ouray weather station followed with the same extreme minimum temperature the following morning. These were the coldest temperatures since January 1949. Most of the Uinta Basin were unusually cold during the month, averaging nearly 12 degrees below normal. The number of days recording sub-zero minimum temperatures was also unusually high in many areas of the State. Both Myton and Park City Meadows recorded below zero minimum temperatures on 26 out of the 31 days of the month. February continued the below normal temperature trend and as a result heating bills soared and stress to livestock became quite serious in many areas of Utah.

Spring began with near normal temperatures or slightly above in all areas of the state except the Uinta Basin. April and May followed about the same pattern but with a rising trend in the Uinta Basin which climbed to near normal conditions. These spring temperatures got most agricultural crops off to a good start, but local subfreezing temperatures during late May and the first part of June caused problems in some areas of the State.

June temperatures climbed to above normal by the end of the month, which again looked good for agricultural production. A gradual cooling trend developed during early July and persisted during the remainder of the summer season.

September showed a complete reversal of the cool weather pattern as temperatures climbed to much above normal. The quality of late season apples were hurt by the unusually warm fall temperatures. A gradual cooling trend followed during October and November as temperatures dropped to some of the coldest of record for that period of the year. December ended the year on a brighter note as temperatures climbed and averaged about 1½ degrees above normal for the month.

The precipitation pattern for 1979 was not very bright. Except for the Northern Mountain division, above normal accumulations were reported during the first three months of the year. April is normally one of the wetter months of the year, but dropped to well below normal. Less than average rainfall continued during most of the growing season, with the driest months being June and September. For the last three months of the year, precipitation improved somewhat, but remained below normal.

Accumulated moisture for the calendar year was especially critical in the North Central and Northern Mountain divisions of the State. Only seven years have been drier than 1979 in the North Central division and only 6 years have been drier in the Northern Mountains. The Southern and Eastern divisions of the State were in much better condition until late in the growing season.

In spite of drought conditions in the northern part of the State, there was adequate irrigation water to assure a relatively good production season.

E. Arlo Richardson and Kenneth G. Hubbard, State Department of Agriculture Climatologists.

Frost Free Period, Utah, 1979 and Normal (1931-60).

Station	1979			Normal		
	Last Spring Minimum of 32° or Below	First Fall Minimum of 32° or Below	Number of Days Between Dates	Last Spring Minimum of 32° or Below	First Fall Minimum of 32° or Below	Number of Days Between Dates
WESTERN						
Delta	6-9	10-21	134	5-11	9-30	142
Milford WSO	6-19	10-21	124	5-18	9-26	131
Modena	--	10-11	--	5-21	9-28	130
Park Valley	5-30	10-16	139	5-19	9-29	133
Wendover	4-20	10-31	194	4-21	10-23	186
DIXIE						
St. George	3-29	10-31	216	4-1	11-10	223
Zion Nat'l Park	5-10	11-1	175	4-6	11-7	215
NORTH CENTRAL						
Corinne	5-9	10-22	166	5-14	9-28	138
Elberta	6-9	10-21	134	5-14	9-30	140
Farmington USU	5-10	10-21	164	5-4	10-12	161
Logan USU	5-29	10-21	145	5-8	10-13	159
Ogden Pioneer PH	5-9	10-30	174	5-1	10-14	167
SLC Airport	4-20	10-30	193	5-3	10-11	161
Tooele	5-9	10-22	166	4-28	10-24	179
Trenton	6-9	9-12	95	5-31	9-12	104
Utah Lake Lehi	6-9	10-21	134	5-18	9-28	134
SOUTH CENTRAL						
Cedar City FAA	5-12	10-22	163	5-17	9-30	136
Fillmore	5-30	10-20	143	5-4	10-11	160
Kanab PH	5-10	10-30	173	5-6	10-13	160
Levan	5-30	10-20	143	5-16	10-3	140
Loa	6-19	9-13	86	6-22	8-29	68
Manti	6-9	10-20	133	5-24	9-28	128
Nephi	6-9	10-21	134	5-11	10-2	145
Panguitch	6-20	7-4	14	6-19	9-3	76
Richfield KSVC	6-9	10-4	117	5-28	9-18	113
NORTHERN MOUNTAINS						
Coalville	6-10	9-13	95	6-16	8-29	74
Heber	6-9	9-12	95	6-11	9-3	84
Morgan	6-9	9-12	95	6-5	9-8	96
Olmstead PH	5-9	10-22	166	5-23	9-30	130
Scofield	6-22	8-29	68	6-29	8-25	57
Silver Lake Brighton	6-19	9-12	85	7-5	8-27	53
Woodruff	6-10	9-1	83	6-27	8-23	57
UINTA BASIN						
Duchesne AP	6-9	10-14	127	5-28	9-20	115
Fort Duchesne	5-31	9-15	107	5-26	9-16	114
Roosevelt	6-9	10-10	123	5-20	9-21	125
SOUTHEAST						
Blanding	5-31	10-21	143	5-15	10-6	144
Ferron	6-19	10-21	124	5-15	10-6	144
Green River Avn.	*	10-22	--	5-1	10-10	163
Hanksville FAA	5-11	10-21	163	4-22	10-20	182
Moab 4 NW	4-13	10-22	192	4-21	10-21	183
Price Warehouse	5-12	10-22	163	5-12	10-5	147

Source: Utah State Department of Agriculture Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. *Date missing.

Total Precipitation (inches), Utah, 1979.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	.72	1.13	1.81	.53	1.09	.08	.55	.10	.01	1.25	.40	.10	7.77
Milford WSO	1.31	.66	1.73	.63	.96	T	.05	.70	T	.48	.57	.46	7.55
Modena	1.19	.40	2.05	--	.45	T	.36	.82	--	.16	--	.09	--
Park Valley	1.93	1.40	1.10	.97	.69	.68	.68	1.40	.18	1.12	.93	.19	11.27
Wendover	.55	.39	.08	.09	1.05	.65	--	.29	.00	.46	.20	.00	--
#Division	1.11	.68	1.25	.32	.86	.26	.41	.79	.04	.99	.42	.14	7.27
DIXIE													
St. George	2.67	1.45	2.19	.07	.44	.02	.54	.82	.00	--	.18	.21	--
Zion Nat'l Park	3.42	1.46	3.98	.37	.94	.00	.70	2.15	.00	.13	1.21	.55	14.91
#Division	2.69	1.63	3.35	.33	.57	.01	.63	1.52	T	.22	.48	.32	11.75
NORTH CENTRAL													
Corinne	2.35	3.04	.97	.72	1.19	.95	1.99	1.01	.08	.67	1.06	.20	14.23
Elberta	.90	.75	1.17	.44	.56	.02	.26	1.17	.00	1.77	.67	.15	7.86
Farmington USU	1.93	1.93	1.61	1.21	1.31	.71	.88	2.53	.06	1.86	1.62	.79	16.44
Logan USU	1.55	1.70	.70	.69	2.15	.82	1.18	.25	.08	2.22	.89	.61	12.84
Ogden Pioneer PH	2.34	2.23	2.56	.76	2.16	1.41	.56	2.59	.03	2.04	2.05	.59	19.32
SLC Airport	.72	1.05	.80	1.04	.84	.35	.40	.63	.05	1.29	.98	.55	8.70
Tooele	.67	.93	1.95	1.32	1.82	.37	.52	.53	.02	1.72	.79	.46	11.10
Trenton	1.76	1.81	1.47	.47	1.01	.79	.90	1.00	.16	2.04	.80	.30	12.51
Utah Lake Lehi	1.69	.86	1.19	.60	.36	.08	.00	1.12	.01	1.55	.95	.12	8.53
#Division	1.77	1.66	1.49	.75	1.15	.46	.72	1.06	.05	1.86	1.11	.39	12.47
SOUTH CENTRAL													
Cedar City FAA	1.70	.84	2.40	.28	1.46	.02	.28	1.58	T	.90	.88	.80	11.14
Fillmore	1.88	.98	2.78	1.20	1.74	.00	.41	1.00	.01	1.34	1.55	.96	13.85
Kanab PH	3.94	1.17	3.32	.16	.90	T	.22	.84	.02	.17	.65	.82	12.21
Levan	1.23	1.17	1.57	.64	1.43	.00	.26	1.17	.00	1.55	1.51	.96	11.49
Loa	.89	.20	.32	.16	.98	T	.72	.50	.05	.15	.50	.35	4.82
Manti	1.69	1.22	2.50	.88	1.72	.05	.18	.90	.26	1.14	1.42	.45	12.41
Nephi	1.35	1.00	2.34	.80	1.05	.00	.34	.90	.03	1.83	1.49	1.00	12.13
Panguitch	1.02	.56	1.85	.10	1.45	.00	1.34	1.13	.08	.08	.50	.24	8.35
Richfield KSVC	1.43	.55	.63	.27	1.28	.06	.05	.25	.02	1.59	1.27	.33	7.73
#Division	2.00	1.29	2.47	.47	1.40	.01	.25	1.20	.06	.77	1.00	.60	11.52
NORTHERN MOUNTAINS													
Coalville	.99	.88	.76	1.04	1.27	.11	.72	.77	.04	2.08	1.21	.05	9.92
Heber	2.11	1.42	.92	.48	.66	.02	.36	.75	.07	2.53	.76	.21	10.29
Morgan	2.10	1.40	.79	.58	.58	.48	1.25	.60	.13	2.30	1.71	.10	12.02
Olmstead PH	1.65	2.39	2.31	.51	1.06	.02	.49	1.43	T	2.18	2.01	.48	14.61
Scofield	2.60	1.39	1.78	.58	1.90	.07	.42	1.78	.31	1.57	1.95	.21	14.56
Silver Lk. Brighton	5.50	5.71	3.96	2.12	1.02	.13	.76	2.06	T	3.90	4.06	.82	30.04
Woodruff	.58	.18	.36	.03	.57	.07	.20	.77	.04	1.56	.52	.24	5.12
#Division	1.86	1.82	1.43	.96	1.03	.22	.73	1.16	.07	2.28	1.48	.33	13.37
UINTA BASIN													
Duchesne AP	.71	.20	--	--	.95	T	.65	2.03	.04	1.15	.78	.06	--
Fort Duchesne	--	.15	--	.16	.46	.10	.41	.67	.00	1.01	--	.30	--
Roosevelt	1.07	.28	1.70	.53	.31	.04	.18	.90	T	1.07	.34	.49	6.91
#Division	.70	.35	1.93	.47	.81	.05	.42	1.10	.02	1.28	.34	.36	7.83
SOUTHEAST													
Blanding	3.35	1.72	2.32	.38	.86	.57	.16	.60	.12	.75	1.12	1.31	13.26
Ferron	1.40	.87	1.88	.15	.66	.00	.16	.62	.01	T	.27	.19	6.21
Green River Avn.	1.21	.20	2.55	.45	--	.11	.07	.24	.00	.01	.14	.15	--
Hanksville FAA	1.78	.10	.98	.15	3.11	.04	.30	.21	.05	.08	.78	.60	8.18
Moab 4 NW	1.28	.78	1.57	.52	1.75	.22	.11	.26	.17	.17	.71	.59	8.13
Price Warehouse	1.18	.70	2.38	--	.71	.00	.30	.76	.00	.27	.33	.22	--
#Division	1.84	.87	1.64	.27	1.44	.28	.26	.67	.03	.53	.91	.80	9.54
STATE AVERAGE	1.60	1.06	1.70	.46	1.15	.21	.41	.94	.04	1.07	.84	.45	9.95

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. T-an amount too small to measure. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Normal Precipitation (inches), Utah, 1941-70.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	.61	.70	1.04	.90	.61	.56	.51	.68	.61	.78	.67	.73	8.40
Modena	.69	.67	.82	.81	.56	.55	.94	1.34	.62	.96	.74	.78	9.48
Park Valley	.95	.77	.70	.78	1.16	1.28	.79	.99	.56	.61	.96	.92	10.47
Wendover	.29	.31	.41	.44	.68	.73	.22	.36	.27	.45	.40	.32	4.88
#Division	.60	.59	.75	.87	.84	.82	.61	.76	.50	.76	.69	.70	8.49
DIXIE													
St. George	.88	.83	.90	.52	.38	.19	.61	.64	.48	.57	.69	.87	7.56
Zion Nat'l Park	1.55	1.58	1.69	1.27	.69	.62	.84	1.57	.80	1.04	1.16	1.55	14.36
#Division	1.15	1.21	1.30	.91	.53	.38	.89	.95	.67	.88	.91	1.17	10.94
NORTH CENTRAL													
Corinne	1.55	1.29	1.40	1.75	1.84	1.53	.39	.61	.87	1.06	1.61	1.72	15.62
Elberta	.85	.84	.98	1.07	1.05	.94	.62	1.05	.61	.96	.87	1.09	10.93
Farmington USU	2.01	1.73	2.03	2.65	2.06	1.73	.40	1.09	.93	1.54	1.90	1.89	19.96
Logan USU	1.36	1.45	1.74	2.12	1.86	1.78	.34	.87	.94	1.43	1.79	1.64	17.59
Ogden Pioneer PH	2.13	1.67	2.01	2.44	2.01	1.79	.56	.96	1.01	1.61	1.89	2.03	20.11
SLC Airport	1.27	1.19	1.63	2.12	1.49	1.30	.70	.93	.68	1.16	1.31	1.39	15.17
Tooele	1.14	1.34	1.84	2.20	1.64	1.35	.70	.93	.72	1.44	1.51	1.50	16.31
Trenton	1.77	1.31	1.43	1.63	2.33	1.35	.64	.86	1.12	1.25	1.21	1.98	15.88
Utah Lake Lehi	.81	.75	1.08	1.18	1.03	.93	.60	.89	.60	.95	.90	1.03	10.75
#Division	1.47	1.32	1.62	1.96	1.67	1.50	.59	.94	.85	1.36	1.49	1.56	16.34
SOUTH CENTRAL													
Cedar City FAA	.65	.76	1.12	1.05	.68	.54	.96	1.22	.72	.89	.96	.78	10.33
Fillmore	1.36	1.52	1.74	1.76	1.18	.93	.62	.99	.80	1.14	1.34	1.40	14.78
Kanab PH	1.47	1.10	1.21	.89	.60	.44	.88	1.55	.75	.95	.96	1.41	12.21
Levan	1.27	1.25	1.64	1.68	1.33	1.01	.68	1.03	.92	1.19	1.20	1.46	14.66
Loa	.36	.25	.44	.48	.60	.59	1.14	1.33	.74	.75	.41	.39	7.48
Manti	1.04	1.16	1.35	1.40	1.13	1.01	1.73	1.01	.84	1.13	1.00	1.13	12.93
Nephi	1.23	1.21	1.45	1.55	1.36	.89	.64	1.04	.85	1.14	1.17	1.40	13.93
Panguitch	.53	.56	.72	.73	.65	.69	1.49	1.56	.94	.81	.63	.59	9.90
Richfield KSVC	.57	.65	.79	.79	.72	.61	.78	.72	.69	.66	.59	.59	8.16
#Division	1.03	.98	1.18	1.13	.88	.76	.96	1.39	.88	1.03	.93	1.08	12.25
NORTHERN MOUNTAINS													
Coalville	1.24	1.05	1.46	1.53	1.50	1.37	.78	1.02	.84	1.23	1.36	1.40	14.78
Heber	1.97	1.43	1.28	1.34	1.15	1.25	.68	1.05	.85	1.29	1.61	1.92	15.82
Morgan	1.66	1.45	1.75	1.84	1.64	1.55	.42	.96	.87	1.39	1.68	1.87	17.08
Olmstead PH													
Scofield													
Silver Lk. Brighton	5.35	4.80	5.53	4.50	2.87	2.65	1.28	1.95	1.74	3.05	4.75	5.34	43.81
Woodruff	.48	.50	.65	.87	1.02	1.29	.69	.88	.74	.91	.62	.61	9.26
#Division	2.19	1.89	2.05	1.86	1.52	1.52	.86	1.34	1.05	1.57	1.82	2.24	19.91
UINTA BASIN													
Duchesne AP	.50	.46	.58	.66	.82	1.01	.76	1.05	.81	.93	.49	.64	8.71
Fort Duchesne	.47	.36	.43	.61	.68	.86	.46	.72	.63	.89	.51	.61	7.23
Vernal AP	.54	.42	.52	.73	.62	.96	.45	.76	.66	.90	.55	.71	7.82
#Division	.51	.43	.50	.68	.68	.90	.62	.87	.72	.94	.51	.69	8.05
SOUTHEAST													
Blanding	1.11	.89	.87	.86	.64	.50	.96	1.58	1.02	1.36	.78	1.25	11.82
Green River Avn.	.33	.35	.38	.49	.51	.50	.42	.97	.56	.77	.39	.44	5.11
Hanksville FAA	.22	.20	.30	.44	.33	.38	.46	1.02	.48	.71	.33	.33	5.20
Moab 4 NW	.48	.55	.63	.85	.61	.56	.47	.89	.64	1.05	.62	.59	7.94
Monticello	.93	.78	.96	.99	.91	.58	1.57	2.18	1.21	1.64	.84	1.22	13.81
Price Warehouse	.76	.67	.69	.62	.64	.79	.97	1.24	1.07	1.03	.53	.87	9.88
#Division	.61	.56	.60	.68	.59	.56	.74	1.23	.77	1.07	.61	.73	8.73
STATE AVERAGE	.96	.88	1.02	1.07	.92	.88	.75	1.10	.76	1.05	.92	1.05	11.36

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. T-An amount too small to measure. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Mean Monthly Temperature (°F), Utah, 1979.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	19.0	27.0	40.3	48.3	57.4	66.6	73.8	71.1	66.6	53.8	32.3	30.5	48.9
Milford WSO	19.3	29.3	39.1	47.2	55.7	64.4	73.4	70.1	65.7	53.1	32.8	30.8	48.4
Modena	*22.6	*31.1	*40.0	*47.0	56.6	--	72.7	*67.8	--	*50.0	--	*32.6	--
Park Valley	15.3	25.8	36.1	42.1	52.9	60.7	69.8	67.7	63.0	50.3	30.2	27.4	45.1
Wendover	19.1	30.2	42.5	50.8	*61.3	*69.9	*79.3	*74.8	*68.7	*52.6	*36.5	*28.8	51.2
#Division	19.7	30.1	40.0	47.7	57.2	66.0	74.2	71.2	66.3	53.1	32.7	30.4	49.1
DIXIE													
St. George	*35.9	*39.0	*52.6	*59.2	*69.9	*78.0	*84.5	*80.7	--	*64.0	--	42.3	--
Zion Nat'l Park	32.8	39.8	48.5	57.7	66.7	77.8	84.3	79.6	79.8	67.5	45.7	44.6	60.4
#Division	33.1	38.3	49.3	56.5	66.0	75.6	81.8	78.0	76.5	64.4	44.6	42.4	58.9
NORTH CENTRAL													
Corinne	17.3	27.6	38.7	47.9	*58.3	66.5	73.7	70.4	64.3	50.7	*31.7	29.0	48.0
Elberta	21.7	31.1	39.9	48.2	57.6	67.7	75.6	72.3	68.2	54.8	33.2	32.1	50.2
Farmington USU	21.8	31.7	41.7	49.5	59.3	68.0	75.0	73.0	67.9	54.8	34.5	31.8	50.8
Logan USU	14.0	27.8	37.1	46.3	56.4	65.5	73.9	72.5	67.3	53.0	31.9	29.1	47.9
Ogden Pioneer PH	21.4	31.9	41.4	49.4	60.1	68.7	77.1	74.2	70.3	55.6	34.9	32.7	51.5
SLC Airport	22.1	32.5	43.2	51.1	60.2	70.1	78.9	75.6	71.4	56.7	36.5	32.9	52.6
Tooele	21.5	32.3	41.1	49.2	59.4	69.1	76.4	72.7	68.3	54.8	33.9	32.9	51.0
Trenton	10.2	24.5	34.3	44.5	53.8	61.0	66.9	66.7	60.3	48.4	28.5	25.2	43.7
Utah Lake Lehi	17.5	26.8	37.7	46.1	54.9	64.9	71.6	69.1	64.1	52.1	31.0	29.5	47.1
#Division	18.3	29.0	39.0	47.5	57.1	66.5	74.3	71.9	67.3	53.6	32.9	30.6	49.0
SOUTH CENTRAL													
Cedar City FAA	24.1	30.8	40.8	49.0	57.2	67.1	75.3	70.9	68.9	56.2	37.0	34.8	51.0
Fillmore	21.9	32.5	41.0	49.1	58.2	67.8	76.5	72.7	70.0	56.7	33.6	33.6	52.7
Kanab PH	28.4	33.7	43.5	51.1	59.6	68.5	74.4	71.3	70.0	59.5	41.5	40.3	53.5
Levan	19.7	28.9	38.0	46.6	55.7	65.2	73.6	70.7	*67.1	53.9	31.7	29.6	48.4
Loa	16.3	25.6	34.4	41.7	50.8	*59.2	64.9	61.8	58.3	47.7	26.1	25.8	42.7
Manti	20.7	28.0	36.9	46.0	54.4	63.9	70.6	67.3	64.3	53.0	31.1	29.4	47.1
Nephi	22.4	31.9	40.5	49.4	57.8	67.3	73.8	70.7	67.3	54.9	32.8	33.2	50.2
Panguitch	18.4	24.1	33.8	41.8	50.8	58.2	64.6	62.3	58.7	48.8	30.1	28.1	43.3
Richfield KSVC	23.8	29.9	40.0	46.4	55.0	63.9	71.0	67.7	63.1	52.7	30.8	32.2	48.4
#Division	20.9	27.8	36.9	45.0	54.0	63.3	70.3	66.6	63.9	52.4	31.7	30.8	47.0
NORTHERN MOUNTAINS													
Coalville	*17.1	27.0	35.9	43.0	52.9	--	65.7	63.8	60.0	--	28.2	28.2	--
Heber	*14.6	*23.9	*33.2	43.6	52.1	59.0	65.8	*64.5	*60.2	48.4	29.4	29.4	43.7
Morgan	15.5	25.6	36.7	44.0	53.6	61.3	69.0	67.0	62.0	50.2	29.5	27.0	45.1
Olmstead PH	21.3	31.7	39.7	48.6	57.7	68.1	75.9	72.3	69.4	55.1	35.2	35.1	50.8
Scofield	9.0	16.9	25.9	33.8	44.1	51.6	58.1	55.7	52.2	42.4	21.9	18.2	35.8
Silver Lk. Brighton	12.2	20.3	25.7	31.8	40.1	*51.1	*57.9	54.8	53.2	40.0	*20.5	24.7	36.0
Woodruff	9.2	17.5	27.6	38.5	48.1	56.0	62.5	60.9	55.3	43.5	22.1	21.1	41.0
#Division	12.5	22.7	32.1	40.4	50.0	58.4	65.3	63.0	59.2	46.9	26.6	26.4	42.0
UINTA BASIN													
Duchesne AP	6.7	*15.4	31.7	45.3	55.1	*64.1	*71.5	*67.3	*64.5	*49.2	*26.5	*22.6	43.3
Fort Duchesne	*3.2	*8.7	*30.6	45.7	56.8	64.9	71.9	68.5	*63.9	48.8	*28.9	--	--
Roosevelt	3.3	13.7	32.4	47.7	57.6	66.3	72.9	70.1	64.6	50.2	28.7	23.1	44.2
#Division	5.2	14.7	32.0	46.5	56.2	65.2	72.0	68.7	64.4	50.1	28.4	22.5	43.8
SOUTHEAST													
Blanding	20.7	29.1	37.7	47.5	55.9	64.9	73.2	69.6	67.0	54.8	33.5	31.6	48.8
Ferron	14.7	20.4	35.2	46.3	55.9	64.4	73.0	69.9	66.3	54.5	*31.5	*26.5	46.6
Green River Avn.	*12.5	*14.6	39.8	*54.1	--	*69.7	79.1	*74.8	*69.9	*55.3	*30.8	*23.5	--
Hanksville FAA	15.6	21.9	42.6	53.8	62.4	71.2	*79.9	75.4	70.4	56.4	30.6	25.5	50.5
Moab 4 NW	23.1	27.8	*46.0	57.0	65.2	75.4	81.2	78.2	73.7	60.3	37.7	30.9	54.7
Price Warehouse	16.7	*22.3	36.1	--	57.0	68.0	74.7	*70.0	69.4	*56.1	33.2	29.5	--
#Division	20.2	26.3	40.2	51.2	59.3	69.2	76.9	73.1	69.5	56.7	34.0	29.3	50.5
STATE AVERAGE	18.3	26.8	38.0	47.1	56.2	65.4	72.9	69.7	65.8	53.0	31.9	29.4	47.9

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. *One or more days record missing; if average value is entered, less than 10 days record missing. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Normal Monthly Temperature (°F), Utah, 1941-70.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	[illegible]	31.4	38.1	47.2	56.5	65.2	74.3	72.6	63.0	50.7	37.3	28.5	49.2
Modena	27.8	32.8	38.0	46.4	55.0	63.7	72.0	70.2	62.1	50.7	38.1	29.9	48.9
Park Valley	24.4	29.0	34.8	44.0	53.5	60.7	71.8	69.9	60.4	49.1	35.6	27.0	46.7
Wendover	27.4	34.2	41.0	50.8	60.8	69.2	79.3	76.7	66.2	52.8	38.6	29.7	52.2
#Division	25.9	31.8	38.0	47.2	56.4	64.4	74.0	72.0	62.4	50.6	37.2	28.6	49.0
DIXIE													
St. George	39.9	45.9	51.6	60.1	68.9	77.1	84.3	82.6	74.9	62.9	49.2	40.9	61.5
Zion Nat'l Park	40.2	44.6	49.3	58.0	67.5	76.7	84.2	81.8	75.7	64.0	50.4	41.6	61.2
#Division	39.0	44.1	49.2	57.6	66.5	75.2	82.6	80.6	73.7	62.5	48.4	40.2	60.0
NORTH CENTRAL													
Corinne	24.5	30.2	37.8	48.0	57.4	64.6	73.9	71.6	62.0	50.6	37.4	28.5	48.9
Elberta	27.3	32.7	39.4	48.6	57.6	65.4	74.4	72.7	63.3	51.6	39.0	30.1	50.2
Farmington USU	28.7	34.3	40.6	49.8	58.9	66.3	75.7	74.0	64.4	53.6	40.2	31.6	51.5
Logan USU	24.0	28.9	36.1	46.9	56.3	63.1	72.9	71.4	62.0	50.7	36.7	27.5	48.0
Ogden Pioneer PH	27.8	33.1	39.7	49.6	59.3	66.9	76.9	74.7	65.1	53.3	39.4	30.8	51.4
SLC Airport	28.0	33.4	39.6	49.2	58.3	66.2	76.7	74.5	64.8	52.4	39.1	30.3	51.0
Tooele	28.9	33.3	39.3	48.8	58.2	66.2	76.1	74.0	64.4	52.2	39.2	31.0	51.0
Trenton	21.0	26.5	34.2	45.1	54.2	60.8	69.5	67.6	58.2	47.4	34.9	29.4	49.1
Utah Lake Lehi	26.1	31.5	38.1	47.4	56.4	64.0	72.3	70.6	61.0	49.8	37.5	29.2	48.7
#Division	26.7	31.9	38.5	48.3	57.5	65.0	74.6	72.7	63.5	51.7	38.5	29.7	49.9
SOUTH CENTRAL													
Cedar City FAA	28.7	33.1	38.4	47.1	56.2	65.0	73.2	71.3	63.2	51.5	38.8	30.8	49.8
Fillmore	29.0	34.2	40.4	49.3	58.4	66.8	76.2	74.3	65.8	53.8	40.1	31.3	51.6
Kanab PH	35.2	39.3	43.9	52.1	60.6	69.1	76.4	74.4	68.0	57.3	45.1	36.9	54.9
Levan	26.0	31.2	38.1	47.4	56.1	64.1	73.1	71.3	62.9	51.6	38.4	29.4	49.1
Loa	23.2	27.3	34.3	41.0	49.7	57.3	64.4	62.3	55.2	45.3	33.0	24.7	43.0
Manti	25.8	30.2	37.1	46.1	54.7	62.3	70.1	68.6	60.6	50.0	37.0	28.5	47.6
Nephi	28.4	33.2	39.6	48.0	57.4	66.3	76.0	73.9	64.6	53.2	39.8	31.0	51.0
Panguitch	23.5	27.7	33.4	42.1	50.1	57.6	64.6	62.9	55.8	45.8	34.1	25.6	43.6
Richfield KSVC	28.1	32.8	38.9	47.0	55.5	63.2	70.7	69.2	60.8	50.0	38.0	30.2	48.7
#Division	26.9	31.3	36.9	45.6	54.4	62.3	70.0	68.1	60.5	50.0	37.6	29.3	47.7
NORTHERN MOUNTAINS													
Coalville	23.4	27.8	33.7	43.2	51.6	57.8	65.7	63.8	56.0	46.8	34.6	26.3	44.2
Heber	20.7	25.5	33.2	43.2	51.9	58.4	66.9	65.3	57.1	47.4	34.5	25.2	44.1
Morgan	22.9	27.9	34.7	44.5	53.4	60.3	68.5	66.7	57.5	47.7	34.5	26.1	45.4
Olmstead PH													
Scofield													
Silver Lk. Brighton	19.0	20.4	23.5	32.2	41.2	49.2	57.9	56.3	48.9	39.2	27.5	21.2	36.4
Woodruff	14.9	18.7	26.2	38.4	47.5	54.4	62.2	60.4	51.7	41.5	28.5	19.1	38.6
#Division	20.9	24.3	30.2	40.8	49.9	56.8	65.1	63.2	55.0	45.0	32.3	24.2	42.3
UINTA BASIN													
Duchesne AP	17.9	24.6	34.9	45.9	55.4	62.8	70.2	67.9	59.3	48.1	33.6	22.5	45.3
Fort Duchesne	14.6	22.2	34.2	46.2	55.9	63.5	70.8	68.8	59.8	48.2	33.2	20.9	44.9
Vernal AP	16.1	23.3	34.1	45.5	54.9	62.2	69.6	67.6	58.9	47.4	33.1	21.2	44.5
#Division	16.8	23.9	35.0	46.7	56.4	63.8	71.5	69.2	60.4	48.7	34.1	22.1	45.7
SOUTHEAST													
Blanding	27.7	32.9	38.3	47.4	56.9	65.8	73.3	70.8	63.3	51.7	38.2	29.8	49.7
Green River Avn.	24.1	33.6	42.0	52.4	62.2	70.3	78.2	75.8	66.2	53.5	38.3	28.0	52.1
Hanksville FAA	26.1	33.9	42.5	52.9	62.9	71.9	79.4	76.9	67.6	54.7	39.4	28.9	53.1
Moab 4 NW	30.5	37.8	46.1	56.5	66.2	74.2	81.3	78.7	70.1	57.6	43.2	33.3	56.3
Monticello	25.9	29.5	34.6	44.1	52.9	61.2	68.6	66.3	59.5	49.1	36.3	28.3	46.4
Price Warehouse													
#Division	27.3	33.6	40.6	50.6	60.1	68.7	76.1	73.7	65.6	53.7	39.3	29.8	51.6
STATE AVERAGE	25.5	30.9	37.4	47.1	56.3	64.2	72.6	70.5	62.0	50.6	37.2	28.3	48.5

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Accumulated Growing Degree Days Base 40, by Months, Utah, 1979.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	1	42	211	369	531	654	798	762	658	456	137	91	4,710
Milford WSO	1	47	186	350	508	604	780	761	636	464	138	138	4,613
Modena	11	71	208	396	494	--	741	681	791	439	--	146	--
Park Valley	1	19	113	219	450	590	785	767	632	396	69	30	4,071
Wendover	5	37	191	342	630	780	986	955	791	434	84	32	5,273
DIXIE													
St. George	97	176	423	564	757	836	968	945	818	665	335	266	6,850
Zion Nat'l Park	56	157	316	543	717	871	1,007	963	926	752	279	267	6,854
NORTH CENTRAL													
Corinne	1	24	143	345	555	661	825	812	657	398	76	31	4,528
Elberta	9	58	184	362	550	674	835	800	694	488	118	93	4,865
Farmington USU	3	54	192	359	585	713	864	846	721	470	103	57	4,967
Logan USU	3	20	94	269	500	684	876	869	739	440	63	37	4,594
Ogden Pioneer PH	6	52	172	344	598	731	922	891	782	499	104	67	5,168
SLC Airport	7	55	208	373	587	736	937	912	788	509	118	70	5,300
Tooele	12	54	156	349	596	761	945	883	775	487	82	73	5,173
Trenton	2	17	100	304	477	571	677	693	572	399	80	36	3,928
Utah Lake Lehi	19	32	150	298	482	634	781	773	640	436	79	54	4,578
SOUTH CENTRAL													
Cedar City FAA	14	56	187	349	545	688	850	805	716	514	158	156	5,038
Fillmore	8	67	189	355	572	720	900	847	750	529	115	111	5,163
Kanab PH	22	99	246	418	585	711	825	803	736	576	224	240	5,485
Levan	5	39	145	319	508	647	816	792	681	468	111	50	4,581
Loa	2	31	125	260	430	543	657	612	557	412	72	88	3,789
Manti	10	34	131	301	480	629	784	737	648	455	111	61	4,381
Nephi	8	78	218	396	532	665	790	768	668	487	143	110	4,863
Panguitch	3	32	116	293	455	545	632	612	562	462	135	119	3,966
Richfield KSVC	17	67	200	337	489	604	724	709	594	481	134	115	4,471
NORTHERN MOUNTAINS													
Coalville	4	42	159	291	474	--	639	636	574	--	98	53	--
Heber	0	22	80	281	455	546	660	652	575	404	96	69	3,840
Morgan	6	36	128	295	469	560	704	686	584	424	90	57	4,039
Olmstead PH	3	53	162	328	532	711	886	838	755	483	109	98	4,958
Scofield	0	10	30	155	319	458	571	515	484	322	28	14	2,906
Silver Lk. Brighton	5	17	24	114	219	418	559	468	441	238	10	34	2,547
Woodruff	0	8	31	222	392	500	615	598	548	352	54	30	3,350
UINTA BASIN													
Duchesne AP	0	1	50	291	504	620	787	710	649	396	44	6	4,058
Fort Duchesne	0	0	68	315	502	622	750	732	602	402	60	0	4,053
Roosevelt	0	1	98	362	538	648	777	758	635	406	93	23	4,339
SOUTHEAST													
Blanding	0	53	144	329	516	656	829	776	715	502	102	63	4,685
Ferron	0	6	107	305	514	656	835	797	692	495	100	53	4,560
Green River Avn.	2	3	195	448	--	682	864	807	671	--	129	46	--
Hanksville FAA	9	44	267	468	614	689	851	784	658	517	144	47	5,092
Moab 4 NW	12	44	302	531	708	828	938	904	770	586	160	63	5,846
Price Warehouse	0	5	100	321	530	706	847	804	758	510	93	50	4,724

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Accumulated Growing Degree Days Base 50, by Months, Utah, 1979.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	0	1	81	230	373	515	629	592	534	334	48	15	3,352
Milford WSO	0	1	61	214	350	491	622	574	530	339	39	47	3,268
Modena	0	6	82	249	372	--	587	498	617	292	--	52	--
Park Valley	0	0	18	106	266	395	592	545	453	240	4	0	2,6619
Wendover	0	1	58	143	400	573	815	744	565	226	7	2	3,534
DIXIE													
St. George	6	75	246	408	583	667	798	762	653	508	182	115	5,003
Zion Nat'l Park	1	50	152	340	540	703	836	775	761	544	132	119	4,953
NORTH CENTRAL													
Corinne	0	0	37	196	372	498	652	598	481	238	4	0	3,076
Elberta	0	3	56	214	390	540	663	614	558	335	34	13	3,420
Farmington USU	0	1	61	201	387	532	688	652	546	298	19	3	3,388
Logan USU	0	0	11	134	320	482	693	664	523	249	5	0	3,081
Ogden Pioneer PH	0	2	53	183	386	547	748	694	582	303	23	4	3,525
SLC Airport	0	1	75	207	396	564	763	725	604	324	30	8	3,697
Tooele	1	3	38	183	373	568	763	672	545	279	7	6	3,438
Trenton	0	0	18	168	328	446	554	543	487	257	10	0	2,811
Utah Lake Lehi	14	0	35	170	327	448	607	565	490	273	8	1	2,938
SOUTH CENTRAL													
Cedar City FAA	0	2	63	203	347	534	678	600	559	354	51	63	3,454
Fillmore	0	2	63	205	358	550	724	647	593	362	30	23	3,559
Kanab PH	0	14	104	260	393	539	656	599	562	408	87	117	3,739
Levan	0	3	35	189	325	489	643	590	525	317	32	2	3,150
Loa	0	3	25	140	268	422	517	457	424	270	5	18	2,549
Manti	0	1	27	173	304	472	597	532	491	315	26	4	2,942
Nephi	0	7	86	255	390	536	624	584	537	358	58	28	3,463
Panguitch	0	4	22	161	305	445	538	480	470	331	38	28	2,822
Richfield KSVC	0	11	69	206	329	483	593	537	505	360	42	34	3,169
NORTHERN MOUNTAINS													
Coalville	0	0	39	158	324	--	544	501	504	--	25	5	--
Heber	0	1	4	155	302	432	541	499	475	269	22	6	2,706
Morgan	0	2	21	165	333	457	566	533	506	299	17	4	2,903
Olmstead PH	0	3	43	186	343	533	708	636	565	294	30	24	3,365
Scofield	0	1	0	46	177	315	422	353	332	189	1	1	1,837
Silver Lk. Brighton	1	2	1	21	101	250	349	282	271	123	0	1	1,402
Woodruff	0	1	0	106	248	372	506	460	446	226	4	0	2,369
UINTA BASIN													
Duchesne AP	0	0	2	164	317	462	615	513	485	248	0	0	2,806
Fort Duchesne	0	0	12	183	349	476	585	545	508	270	1	0	2,929
Roosevelt	0	0	18	222	372	507	604	566	517	271	12	0	3,089
SOUTHEAST													
Blanding	0	4	34	195	326	482	650	574	514	317	15	4	3,115
Ferron	0	0	15	177	318	480	658	585	525	337	13	1	3,111
Green River Avn.	0	0	71	296	--	543	694	631	559	--	42	1	--
Hanksville FAA	0	4	111	326	455	543	682	611	554	414	51	1	3,752
Moab A NW	0	2	141	344	512	650	767	723	610	440	55	4	4248
Price Warehouse	0	0	10	184	328	545	675	597	567	333	15	1	3,255

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Normal Growing Degree Days Base 50, by months, Utah.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	5	20	96	216	353	493	643	626	464	278	83	16	3293
Modena	0	0	44	183	333	477	619	580	416	234	38	0	2924
Park Valley	0	0	3	108	262	416	660	612	387	180	6	0	2634
Wendover	1	8	72	200	403	574	800	766	506	235	29	3	3597
DIXIE													
St. George	69	136	269	399	541	650	798	779	615	460	213	82	5011
Zion Nat'l Park	54	96	214	360	536	691	836	811	678	468	195	74	5013
NORTH CENTRAL													
Corinne	0	8	62	202	342	480	637	606	461	286	50	2	3136
Elberta	4	15	87	214	362	499	654	640	474	272	63	10	3294
Farmington USU	0	0	47	192	357	505	681	653	448	256	34	0	3173
Logan USU	0	1	36	151	298	443	664	642	422	205	25	2	2889
Ogden Pioneer PH													
SLC Airport	0	0	35	201	372	522	707	685	466	235	12	0	3235
Tooele	0	0	27	157	307	521	746	699	421	186	15	9	3088
Trenton	0	0	22	173	324	441	555	536	390	197	9	0	2647
Utah Lake Lehi	0	6	55	178	330	465	621	605	425	234	42	2	2963
SOUTH CENTRAL													
Cedar City FAA	8	17	74	184	335	502	670	635	472	263	79	19	3258
Fillmore	11	22	97	222	372	538	714	689	508	306	83	18	3580
Kanab PH	0	26	148	277	431	556	672	650	510	336	130	6	3742
Levan	3	13	79	203	328	462	627	609	451	268	71	11	3125
Loa	0	0	10	127	291	426	517	471	350	192	22	0	2406
Manti	0	4	61	176	307	448	585	558	409	238	55	5	2846
Nephi													
Panguitch	0	0	18	144	293	424	505	468	368	213	29	0	2462
Richfield KSVC	15	29	112	228	363	485	593	575	461	301	95	19	3276
NORTHERN MOUNTAINS													
Coalville													
Heber	0	3	41	156	292	414	489	589	412	259	60	3	2718
Morgan	0	0	16	159	325	462	558	548	407	218	19	0	2712
Olmstead PH													
Scofield													
Silver Lk. Brighton													
Woodruff	0	0	0	60	216	343	480	453	324	141	1	0	2018
UINTA BASIN													
Duchesne AP	0	5	51	181	323	447	568	546	398	216	32	2	2769
Fort Duchesne	0	0	35	206	370	496	576	554	418	207	10	0	2872
Vernal AP	0	4	49	179	345	462	569	547	424	245	39	1	2864
SOUTHEAST													
Blanding	3	9	65	184	330	494	640	606	440	248	54	6	3079
Green River Avn.	1	35	155	310	470	562	710	677	528	345	84	7	3934
Hanksville FAA	5	37	147	294	455	594	733	696	536	346	100	16	3959
Moab 4 NW	0	21	183	335	501	619	735	697	534	335	90	0	4050
Monticello	0	0	24	183	353	496	633	578	396	202	24	0	2889
Price Warehouse	0	0	41	174	374	477	638	601	421	230	47	0	3003

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Fruit Tree Survey

In 1979 a statewide fruit tree survey was conducted. The study updated data last collected in 1972 on the number, age, location and in some cases variety of trees cultivated in the State. The study produced evidence that some long established trends in Utah fruit production have continued. Fruit production is being concentrated in fewer and fewer hands and producing areas are shifting to make room for urban growth. Apple and tart cherry plantings have increased while other fruits have decreased--some dramatically.

In the years since 1972, while there has been a modest 10 percent reduction in the number of trees on commercial fruit farms (farms with 100+ trees of any variety), the number of commercial operations is down 41 percent. In 1972, 841 people had commercial farms by the 100 tree definition but by 1979 the number had fallen to 499. Of the 342 out-of-business farms, 222 were in Utah County. In Utah County, despite the loss of more than half of the fruit growers, tree numbers have only dropped 5 percent. Other counties where commercial farms have gone out-of-business were Box Elder, down 26 percent; Davis, down 50 percent; Salt Lake, down 67 percent and Weber, down 17 percent. All of these are areas where fruit production has come in conflict with urban growth. In Utah County, where 70 percent of the trees are located, there has been a gradual shift in production areas from Provo and Orem to the south end of the county.

As a part of the shift in location and the reduction in the number of people producing fruit commercially, there has also been a shift in type of fruit produced. Apples and tart cherries, because they are less susceptible to spring frost damage, are becoming the fruits of choice among commercial growers. Another plus for tart cherries is that harvest is mechanized and labor requirements are much less than for other fruits. Disease has played a role in reducing pear production and has left growers pessimistic about the future of the fruit in the State. For example, only 200 new pear trees were scheduled for planting in 1979 compared with over 43,000 tart cherry trees. Spring frost is the main enemy of apricots and sweet cherries, making their production economically uncertain. The result has been a sharp reduction in tree numbers since 1972--down 49 percent for sweet cherries and 63 percent for apricots. In spite of all the changes that have occurred in the fruit business, total production seems to be holding its own if not increasing over the past few years.

Utah Fruit Tree Surveys - 1972 and 1979

Fruit Trees Maintained by Commercial Operators 1/, 1972 and 1979.

County	Number Commercial Operators		Apples		Peaches		Pears		Sweet Cherries		Tart Cherries		Apricots	
	1972	1979	1972	1979	1972	1979	1972	1979	1972	1979	1972	1979	1972	1979
Box Elder.....	138	102	22,100	31,160	82,309	75,807	1,858	1,239	22,087	14,898	65,741	58,525	13,603	6,683
Cache.....	26	22	6,824	5,498	1,513	152	2,661	515	271	98	5,550	2,966	180	27
Carbon.....	1	1	267	2,908	--	113	--	50	--	20	--	4	24	60
Davis.....	80	40	9,207	7,350	19,626	7,916	1,405	279	32,282	12,297	2,750	1,519	5,287	1,154
Duchesne.....	1	--	150	--	--	--	32	--	4	--	1	--	4	--
Emery.....	9	8	6,467	11,750	2,549	4,916	762	862	89	212	35	18	55	161
Garfield.....	7	5	2,194	1,679	96	22	60	45	9	4	--	1	9	4
Grand.....	4	7	2,963	5,452	2,327	4,025	651	1,015	2	2	--	--	--	4
Juab.....	4	2	1,125	850	2,005	345	--	50	481	95	10	--	--	--
Kane.....	3	5	1,124	1,185	11	48	1	10	--	--	--	--	--	--
Salt Lake.....	12	4	3,807	4,430	1,108	625	2,152	1,550	560	464	712	640	8	--
San Juan.....	1	2	286	959	950	252	20	15	25	56	--	10	60	10
Sevier.....	1	2	511	1,734	16	78	52	128	16	23	9	5	3	2
Uintah.....	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Utah.....	436	214	289,301	299,507	159,225	118,884	64,397	55,511	108,301	51,508	142,321	195,674	5,604	2,511
Washington.....	57	34	5,622	10,387	9,995	9,466	1,207	425	1,445	1,085	44	295	1,292	711
Wayne.....	1	1	488	511	1,257	758	226	224	224	217	2	5	871	710
Weber.....	60	50	5,452	4,862	20,030	10,242	2,274	1,426	8,955	4,623	18,999	14,946	13,345	2,288
Total.....	841	499	356,088	388,172	282,375	252,972	77,693	65,383	166,973	95,330	235,754	274,606	58,315	14,135

1/ Commercial operators are those with 100 or more trees of any one kind of fruit.

Fruit Trees Maintained By Commercial Growers 1/, 1979

State Totals and Age Distribution

Kind of Fruit	Number of Growers	Total Number of Trees	Percent of All Fruits	Percent by Age Category								Trees to Be Set Out in 1979	Total Number Of Acres
				1-3 years	1-4 years	4-6 years	4-12 years	6-12 years	7-21 years	13-21 years	22 yrs. and Over		
Apples.....	342	388,172	57	17		16			52		14	19,914	3,550
Apricots.....	180	14,105	1		21			5		25	53	2,317	171
Sweet Cherries	305	85,330	8		6			22		46	26	5,855	1,084
Tart Cherries..	222	274,606	26		24			40		22	9	43,450	2,434
Peach.....	360	252,972	22	29			44			21	6	12,561	2,250
Pear.....	196	41,383	4		12			13		29	47	200	409
Plum.....	197	5,681	1		19			8		59	14	1,095	127

Total Number of All Fruit Trees in Utah: 1,044,209

Total Number of All Acres Occupied By Fruit Trees: 9,725

1/ Commercial Operators Are Those With 100 or More Trees of Any One Kind of Fruit.

Balance Sheet of the Farming Sector, Utah, January 1, 1970-78.

Item	1970	1971	1972	1973	1974	1975	1976	1977	1978
				- - - - Million Dollars - - - -					
Physical assets:									
Real estate	1,214	1,428	1,677	1,833	2,223	2,425	2,735	3,032	3,199
Nonreal estate:									
Livestock and poultry	188	197	204	243	291	177	217	221	238
Machinery and motor vehicles	161	172	183	196	221	279	325	359	421
Crops stored on and off farms 1/	38	39	50	55	85	103	95	98	87
Household equipment and furnishings	48	60	76	71	73	84	87	73	99
Financial assets:									
Deposits and currency	42	50	59	75	68	37	54	54	57
U.S. savings bonds	11	14	18	20	21	9	13	13	13
Investments in cooperatives	48	51	52	51	56	63	70	74	86
Total assets	1,750	2,011	2,319	2,544	3,038	3,177	3,596	3,924	4,200
Liabilities:									
Real estate debt 2/	139	143	150	161	181	195	217	238	266
Nonreal estate debt:									
Excluding CCC loans 2/	138	146	154	167	198	216	230	256	265
Commodity Credit Corporation loans 3/	1	1	2	1	4/	3	1	4/	2
Total liabilities	278	290	306	329	379	414	448	494	533
Proprietors' equities	1,472	1,721	2,013	2,215	2,659	2,763	3,148	3,430	3,667
Total claims	1,750	2,011	2,319	2,544	3,038	3,177	3,596	3,924	4,200
Debt-to-asset ratio (Percent)	15.9	14.4	13.2	12.9	12.5	13.0	12.5	12.6	12.7

1/ Includes all crops held on farms and those crops stored off farms by farmers as security for CCC loans. 2/ Includes debt owed to institutional lenders and to noninstitutional or miscellaneous lenders. 3/ Nonrecourse CCC loans secured by crops owned by farmers. These crops are included as assets in this balance sheet. 4/ Less than $0.5 million.

Horses

The horse industry is one of the important livestock industries in Utah. However, there is a limited amount of statistical data available on horses and no data have been accumulated since 1974.

At the request of horse owners, we are presenting some summary data taken from the 1974 survey showing an estimated 132,743 horses in the State and their importance to our economy. Utah County had the highest number with 19,713.

Most horse owners used their horses primarily for pleasure. Ranching was the second most popular use. As indicated by the following table, many horses were kept for more than one purpose.

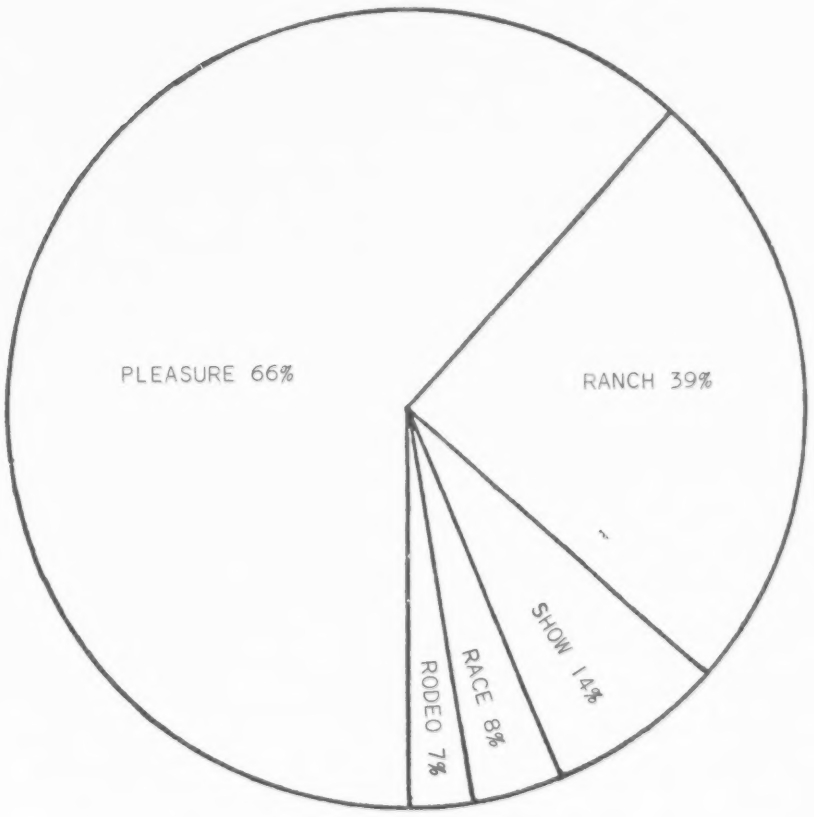
Over $45 million were spent on horses in 1974 with an average of $342.21 per horse. Actual income was impossible to determine because such a large portion was used for either pleasure or ranching.

The nature of the horse industry makes it quite difficult to obtain accurate data without somewhat high expense. For this reason the statistics are not more current. It is hoped that in the future sufficient funding can be secured to obtain up-to-date figures.

Many people derive enjoyment from pleasure riding.

Number and Percent of Utah Horse Owners
Engaged in Specified Activities.

Primary Use	Number
Pleasure.....	24,843
Ranch.....	14,764
Show.....	5,073
Race.....	2,970
Rodeo.....	2,820
Total	37,367



Percentages do not total 100 because many owners reported more than one use.

Number of Horses in Utah by County, 1974.

County	Horse Numbers Reg.	Non-Reg.	Total	Owners	Horses Per Owner
Utah	6,561	13,152	19,713	5,717	3.45
Weber	5,611	11,494	17,105	5,029	3.40
Davis	5,218	9,997	15,215	4,390	3.46
Salt Lake	4,958	5,925	10,883	3,393	3.21
Box Elder	2,123	8,058	10,181	2,129	4.78
Cache	2,284	6,324	8,608	2,844	3.03
Duchesne	1,149	3,602	4,751	1,105	3.30
Uintah	1,033	3,192	4,225	985	4.29
Sevier	1,248	2,702	3,950	1,079	3.66
Sanpete	1,007	2,841	3,848	1,009	3.81
Millard	933	2,192	3,125	987	3.16
Washington	809	2,267	3,076	988	3.11
Tooele	765	2,272	3,037	986	3.08
Emery	683	2,250	2,933	781	3.76
Summit	408	1,979	2,387	730	3.27
Iron	607	1,693	2,300	743	3.10
Wasatch	714	1,554	2,268	583	3.89
Carbon	475	1,735	2,210	605	3.65
Morgan	634	1,461	2,095	657	3.19
Garfield	443	1,181	1,624	422	3.84
Rich	181	1,338	1,519	267	5.64
Grand	181	1,268	1,449	150	7.30
Juab	205	908	1,113	433	2.57
Wayne	171	905	1,076	304	3.54
Beaver	305	723	1,028	320	3.21
San Juan	217	788	1,005	194	5.18
Kane	219	712	931	212	4.39
Piute	163	541	704	211	3.32
Daggett	94	290	384	114	3.37
State Totals	39,399	93,344	132,743	37,367	3.50

Source: Utah Horse and Pony Survey, 1974.

Annual Expenditures by Horse Owners Relating to Maintenance, Production and Use of Horses in Utah, 1974.

Item	Percent of Owners Reporting	Average Expenditure Per Horse	Percent of Total Expenditure	Total Expenditure
	Percent	Dollars	Percent	Dollars
Feed				
Hay.....	86	91.82	23.1	10,482,079
Grain.....	63	37.65	6.9	3,148,594
Supplement.....	16	14.12	.7	299,895
Pellets.....	10	58.00	1.7	769,892
Pasture.....	57	41.31	6.9	3,125,680
Boarding Cost.....	12	75.89	2.7	1,209,342
Vitamins & Minerals..	44	12.49	1.6	729,503
Showing: Hired.....	64	14.39	2.8	1,222,509
Self.....	37	7.08	.7	347,734
Vet Services & Supplies	62	21.49	6.3	2,852,647
Stud Feed				
In State.....	26	42.04	3.2	1,450,926
Out of Utah.....	4	138.37	1.6	734,745
Training Costs.....	18	180.41	9.5	4,310,670
Facility Rental.....	7	50.65	1.0	470,640
Tack Cost.....	62	28.06	5.1	2,309,356
Tack Repair.....	61	9.28	1.7	751,432
Entrance Fees				
In State.....	40	49.40	5.8	2,623,002
Out of Utah.....	14	71.33	2.9	1,325,598
Lodging & Food.....	37	55.78	6.0	2,739,630
Transportation.....	70	30.60	6.3	2,844,284
Other Expenses.....	19	66.51	3.7	1,677,460
Total.....			100	$45,425,607
Per Horse.....				$342.21

Source: Utah Horse and Pony Survey, 1974.

Enterprise Budgets For Farm and Ranch Planning

The budgets presented in this section are representative of enterprise information which can be used by farm managers and others to better plan and evaluate alternative crop combinations and rotations. Use of information of this type will assist in the selection of the most profitable organization of production enterprises.

Average Receipts, Costs, and Net Returns per Acre, for Alfalfa Hay Production on Class II Irrigated Land, Utah, 1979.

Item	Rate	Times Over	Labor	Power and Machinery	Materials and Service	Total 1979
				$/acre		
Receipts:						
Alfalfa, 4.5/tons	$ 55.00/ton					$247.50
By products .25 AUM	$8.00/AUM					2.00
Total						$249.50
Variable Costs:						
Fertilizer, 35 lbs. P205	$188.00/ton 45%				7.31	7.31
Fertilizing		1	.56	1.44		2.00
Corrugating	4 acres/hr.	1	1.15	1.85		3.00
Ditching			.30	.45		.75
Spraying	6 acres/hr. @ $7.25/acre		.75	2.50	4.00	7.25
Irrigating	2 acres/hr.	4	9.00			9.00
Water & operating & maintenance					7.00	7.00
Swathing	4 acres/hr. @ $7.50/acre	3	3.40	19.10		22.50
Baling	$ 8.90/ton	3	5.05	23.00	12.00	40.05
Hauling	$ 7.00/ton	3	12.00	19.50		31.50
Interest	12% var. cost 6 months					7.79
Total						$138.15
Fixed Costs:						
Land taxes	$ 75.00 assessed @ 70 mills					5.25
Other						9.50
Establishment Cost for Stand of Alfalfa Prorated over 5 years						23.00
Total						$ 37.75
Total Cost:						$175.90
Net Return to Land & Operator Management						$ 73.60

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The budgets have been prepared using information that can be found in other tables in Utah Agricultural Statistics. Thus the budgets illustrate a use for the data as published. The budgets were prepared for class II irrigated land which represents the better land and water situations found in many Utah counties. If your farming area is best represented by some other land class, the budgets should be adjusted to fit your local conditions. Since prices fluctuate because of supply and demand conditions, adjustments may be necessary for price also.

Average Receipts, Costs, and Net Returns per Acre for Barley Production on Class IV Irrigated Land, Utah 1979.

Item	Rate	Times Over	Labor	Power and Machinery	Materials and Service	Total 1979
			- - - - - - - $/acre - - - - - - -			
Receipts:						
Barley, 80 bu.	$ 2.40/bu.					$192.00
By products						4.55
Total						$196.55
Variable Costs:						
Fertilizer						
75 lbs. N	$147.00/ton 34%				16.21	16.21
25 lbs. P205	$188.00/ton 45%				5.22	5.22
Fertilizing			.56	1.44		2.00
Plowing	3 acres/hr.	1	1.50	10.50		12.00
Disking & harrowing	8 acres/hr.	1	.90	5.10		6.00
Planting	4 acres/hr.	1	1.12	3.38		4.50
Seed 100 lbs.	$ 9.95/cwt.					9.95
Irrigating	1 acre/hr.	3	13.50			13.50
Water & operating & maintenance					7.00	7.00
Ditching		1	.30	.45		.75
Spraying	6 acres/hr.	1	.75	1.60	1.80	4.15
Combining	custom				20.00	20.00
Hauling	$ .20/cwt.		1.68	6.00		7.68
Interest	12% var. cost 6 months					6.54
Total						$115.50
Fixed Costs:						
Land taxes	$ 75.00 assessed @ 70 mills					5.25
Other						9.50
Total						$ 14.75
Total Cost:						$130.25
Net Return to Land & Operator Management						$ 66.30

Average Receipts, Costs, and Net Returns per Acre for Corn Silage Production on Class II Irrigated Land, Utah 1979.

Item	Rate	Times Over	Labor	Power and Machinery	Materials and Service	Total 1979
			- - - - - - - $/acre - - - - - - -			
Receipts:						
Corn Silage, 16 tons	$18.25/ton					$292.00
Variable Costs:						
Fertilizer						
155 lbs. N	$147.00/ton 34%					33.51
45 lbs. P205	$188.00/ton 45%					9.40
Fertilizing	8 acre/hr.	1	.56	1.44		2.00
Plowing	3 acres/hr.		1.50	10.50		12.00
Disking & harrowing	5 acres/hr.		.90	5.10		6.00
Planting	4 acres/hr.		1.13	4.12		5.25
Seed, 20 lbs.						12.40
Cultivating & furrowing	3 acres/hr.	2	3.00	5.00		8.00
Spraying	6 acres/hr.	1	.75	1.25	2.15	4.15
Ditching			.30	.45		.75
Irrigating	1 acre/hr.	6	27.00			27.00
Water, operating & maintenance						7.00
Chopping	20/ton/hr.					
	$ 1.75/ton	1	4.50	23.50		28.00
Hauling	$ 1.50/ton		8.00	16.00		24.00
Packing	$ 11.05/ton		5.60	11.20		16.80
Interest	12% var. cost 6 months					11.78
Total						$208.04
Fixed Costs:						
Land taxes	$ 75.00 assessed @ 70 mills					5.25
Other						9.50
						$ 14.75
Total Cost:						$222.79
Net Return to Land & Operator Management						$ 69.21

Other budgets are available for other land classes as well as other crop and livestock enterprises. For information contact the Economics Department at Utah State University.

REPORTS ON CROPS

111	( )	Small Grains	December
121	( )	Farm Report	May through November
123	( )	Prospective Plantings	April
*124	( )	Acreage Planted and for Harvest	June
125	( )	Late Season Crops	January
151	( )	Stocks of Grain	Quarterly
163	( )	Dry Bean Production	December
174	( )	Alfalfa Seed	October
211	( )	Fruit Reports	June, July, January
212	( )	Cherry Production	*June, October
213	( )	Apples by Varieties	August
314	( )	Onions, Annual Summary	June
315	( )	Onion Acreage, Production & Stocks	Mar, July, Sep, Dec, Jan.
*335	( )	Mushrooms	August

REPORTS ON LIVESTOCK, DAIRY, POULTRY, AND LIVESTOCK PRODUCTS

*411	( )	Cattle on Feed	Monthly
*412	( )	Cattle Inventory & Calf Crop	July
413	( )	Annual Cattle Inventory & Calf Crop	February
421	( )	Sheep & Lambs on Feed	January
422	( )	Lamb & Wool Crops (preliminary)	July
424	( )	Annual Sheep Inventory & Lamb Crop	February
426	( )	Wool Production	April
431	( )	Annual Hog Inventory & Pig Crop	December
*432	( )	Hog Inventory & Pig Crop	June
464	( )	Mink	July
471	( )	Honey & Bees	January
*472	( )	Honey and Bees	September
491	( )	Livestock Slaughter	Monthly
511	( )	Milk Production & Dairy Production	Monthly
603	( )	Egg Production	Quarterly
631	( )	Turkey Production	Sep, Jan, Aug.

MISCELLANEOUS REPORTS

711	( )	Agricultural Prices	Monthly
712	( )	Farm Income	August
900	( )	Weekly Crop Weather	April to October
901	( )	Farm Numbers & Land in Farms	January
903	( )	Farm Labor	Quarterly

*These reports either include Utah data preciously issued or do not show Utah data separately. We reissue the U.S. report showing U.S. totals or totals for States included in that particular report.

WHY HAVE CROP AND LIVESTOCK REPORTS

★ ★ ★ ★ ★

A man's judgment is no better than his facts and crop and livestock reports are the basic facts of Agriculture.

They aid farmers in planning their production and marketing which helps to provide an orderly market.

They give producers the same foresight to future price trends that organized dealers possess.

They are the best basis for adjusting supply to demand which is highly essential if maximum price is to prevail.

They eliminate the ill effects of misleading reports that might be circulated for private gain, if there were no official reports.

They reduce the amount of speculation in farm products. Speculation thrives on uncertainty. Unbiased official crop reports reduce uncertainty which limits speculation.

They are a check on fluctuation in price. Uncertainty of supply promotes undue fluctuation in price.

They are the basis for analysis of agriculture and other business conditions.

They give information on surplus and deficit areas of production making possible a more economical distribution of products.

They enable transportation companies to make a better distribution of cars, trucks, barges, etc. for moving farm products.

They aid farm organizations, schools and others in planning constructive programs.

They are a guide to farm resources and for developing new resources such as irrigation, electric power, location of food processing and other factories.

They indicate potential buying power thereby enabling the manufacturer to meet the probable demand. With economical production and distribution, the manufacturer can sell at a lower price than he could with uncertain demand.

They reduce the risk of ownership of buyers of farm products which enables them to do business on a smaller margin. Under the stimulus of competition, they pay producers higher prices than could be paid if uncertainty of production existed.

They are indispensable in times of war because food is as essential as ammunition and weapons of war.

They are essential in enacting wise legislation affecting Agriculture.

They provide an accurate, unbiased picture of Utah agriculture. The facts on present and prospective supplies furnish a sound basis for judgment and action by farmers, other individuals, business men, railroads, crop and livestock interests and governmental agencies.

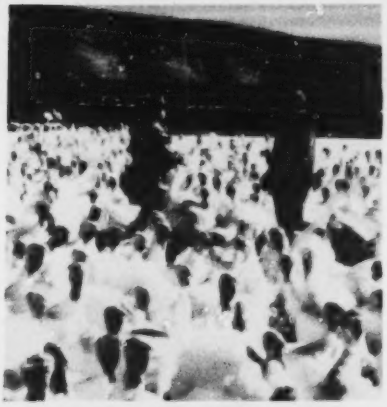
Approval # 7800615
Appropriation # 6560 6182

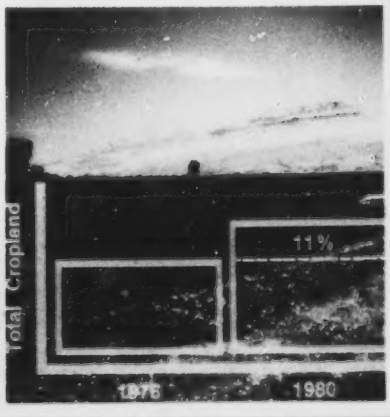
113IA 57200-1 (cc)

UTAH

AGRICULTURAL Statistics

1981





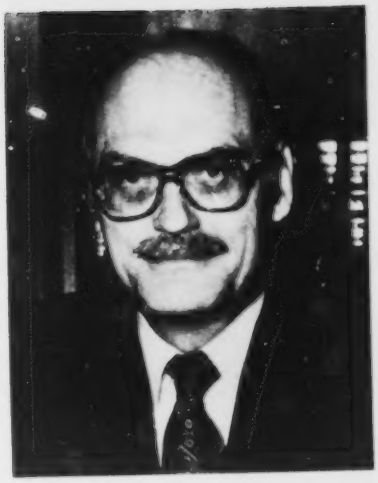
BEST COPY AVAILABLE

THE GREAT SEAL OF THE STATE OF UTAH
INDUSTRY
1847
1896

SCOTT M. MATHESON
GOVERNOR

STATE OF UTAH

OFFICE OF THE GOVERNOR
SALT LAKE CITY
84114



To the People of the State of Utah:

I appreciate the opportunity to present the 1981 Agricultural Statistics Publication to the citizens of Utah and others interested in our agricultural economy. The purpose of this publication is to keep our citizens informed with factual information concerning our state's agribusiness and agricultural industries.

The energy demands on our natural resources will cause population changes in our state with rural agriculture-based communities being dramatically affected in some locations. When these kinds of changes are anticipated in various areas of the state, up to date, accurate, agricultural information is in great demand and when available, decisions are made with greater confidence. We are anxious that Utah's agricultural industry continue to be strong and recognize the great contribution this industry makes to the state.

I would like to express appreciation to those responsible for accumulating this essential data. Information of this quality is vital in assisting individuals, companies, and government in making decisions affecting Utah's future.

Sincerely,

Governor

STATE OF UTAH

DEPARTMENT OF AGRICULTURE

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"To the People of Utah"

This 1981 edition of Utah Agricultural Statistics documents the contribution of Utah farmers and ranchers to our State's economy. These statistics are important for the farmer, businessman and legislator alike in making intelligent marketing, budgeting and planning decisions. The Utah Department of Agriculture and the U.S.D.A. Economics, Statistics, and Cooperative Services have again compiled these figures to be used by all people in research and decision making positions.

Recorded herein are weather data, production patterns, farm acreage, numbers of livestock and other statistical information pertaining to Utah's agriculture production. We are sure this information will be a valuable tool to farm and ranch organizations and producer groups in planning their programs and operations. It will also assist those in agricultural related industries as well as those in research, economic planning, and government agencies in their efforts to better serve the needs of agriculture.

Many of the requests we receive for accurate agriculture information are answered in this report. We realize there is a need for more complete data on a county-by-county basis but budget limitations have made this research impossible at the present time.

However, we believe the information supplied here will give you a greater appreciation for the state's agricultural industry and will show that agriculture is still the basic industry of our economy. Only through the use of accurate information can those associated with agriculture plan and move ahead in this rapidly changing era.

Sincerely,

Kenneth B. Creer

Dr. Kenneth B. Creer
Commissioner

UTAH AGRICULTURAL STATISTICS 1981

This report has been compiled and published as a cooperative effort and function of the following agencies of Federal and State Government.

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We would like to thank USU Extension Service, Clair Acord, Phil Shumway, and producer groups around the state for photographs used in this publication.

INTRODUCTION

Agriculture has long been the unsung hero of the State's economy, contributing thousands of jobs and hundreds of millions of dollars every year. The contribution comes without a lot of fanfare, without much government support, without the interruption of strikes or job actions, and it affects the lives of evervone in the State. Agriculture has made its contribution so long and so well that it is easily taken for granted. Because farmers and ranchers have, over the years, made such strides in increasing productivity, the State and the Country has known nothing else than a steady abundance of high quality food and fiber, at reasonable cost. In fact, the efficiency of agriculture has been a major force in keeping inflation from rising even higher. The contribution in this areas alone is unmeasurable. Because of the glamour of tourism, syn-fuel development, and MX, they receive more public attention. None of them can compare with the steady, reliable, and ever growing contribution from agriculture.

Part of our purpose in publishing "Utah Agricultural Statistics" each year is to help tell the story of a job well done by the State's farmers and ranchers. In the past year, we have seen the book in use in the hands of such prominent citizens as the Governor, the Presidents of BYU and USU, and leaders of farm organizations around the State. Every year, over 2,000 copies are distributed to every corner of the State, and to many interested people in other parts of the country. Requests come in from nearly every State in the Union and from some foreign countries. Users are as diverse as the NASA Space Center in Houston, the Tennessee Valley Authority, and your elected representatives at both the State and National level.

We are pleased to have a part in telling one of the State's important success stories. We hope that "Utah Agricultural Statistics" will help draw attention to the contribution of the dedicated farmers and ranchers who supply us with life's most basic needs.

Ben W. Lindsay

BEN W. LINDSAY, Director
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Utah State Dept. of Agriculture

Wilbur N. Sherman

WILBUR N. SHERMAN, Statistician in Charge
Utah Crop & Livestock Reporting Service
Economics and Statistics Service
U. S. Department of Agriculture

GOVERNOR'S LETTER

COMMISSIONER'S LETTER

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Population

Population of Counties, Utah

County	U. S. Census - April 1, 1970						U. S. Census April 1, 1980
	Total	Urban		Rural			
		Total Urban 1/	Percent of Total	Total Rural	Places of 1,000 to 2,500	Other Rural	Total
Beaver	3,800	--	--	3,800	2,757	1,043	4,378
Box Elder	28,129	16,801	59.7	11,328	2,232	9,096	33,222
Cache	42,331	25,675	60.7	16,656	10,897	5,759	57,176
Carbon	15,647	6,218	39.7	9,429	3,578	5,851	22,179
Daggett	666	--	--	666	--	666	769
Davis	99,028	85,115	86.0	13,913	6,950	6,963	146,540
Duchesne	7,299	--	--	7,299	3,099	4,200	12,568
Emery	5,137	--	--	5,137	969	4,168	11,451
Garfield	3,157	--	--	3,157	1,318	1,839	3,673
Grand	6,686	4,791	71.7	1,895	64	1,831	8,241
Iron	12,177	8,946	73.5	3,231	1,423	1,808	17,349
Juab	4,574	2,699	59.0	1,875	--	1,875	5,530
Kane	2,421	--	--	2,421	1,381	1,040	4,024
Millard	6,988	--	--	6,988	5,021	3,967	8,970
Morgan	3,983	--	--	3,983	1,586	2,397	4,917
Piute	1,164	--	--	1,164	--	1,164	1,329
Rich	1,615	--	--	1,615	--	1,615	2,100
Salt Lake	458,607	436,201	95.1	22,406	--	22,406	619,066
San Juan	9,606	--	--	9,606	3,681	5,925	12,253
Sanpete	10,976	--	--	10,976	6,519	4,457	14,620
Sevier	10,103	4,471	44.3	5,632	1,494	4,138	14,727
Summit	5,879	--	--	5,879	1,193	4,686	10,198
Tooele	21,545	15,470	71.8	6,075	2,357	3,718	26,033
Uintah	12,684	5,908	30.8	8,776	1,248	7,528	20,506
Utah	137,776	120,554	87.5	17,222	5,344	11,878	218,106
Wasatch	5,867	3,249	55.3	2,618	--	2,618	8,523
Washington	13,669	7,097	51.9	6,572	1,408	5,164	26,065
Wayne	1,483	--	--	1,483	--	1,483	1,911
Weber	126,278	110,279	87.3	15,999	3,571	12,428	144,616
State Total	1,059,273	851,472	80.4	207,801	66,090	141,711	1,461,037

1/ Urban population includes persons living in areas or places of 2,500 inhabitants or more. 2/ Utah Economic and Business review, University of Utah, December 1978.

Farm Population vs. Total Population, Utah, 1920-1970 Censuses

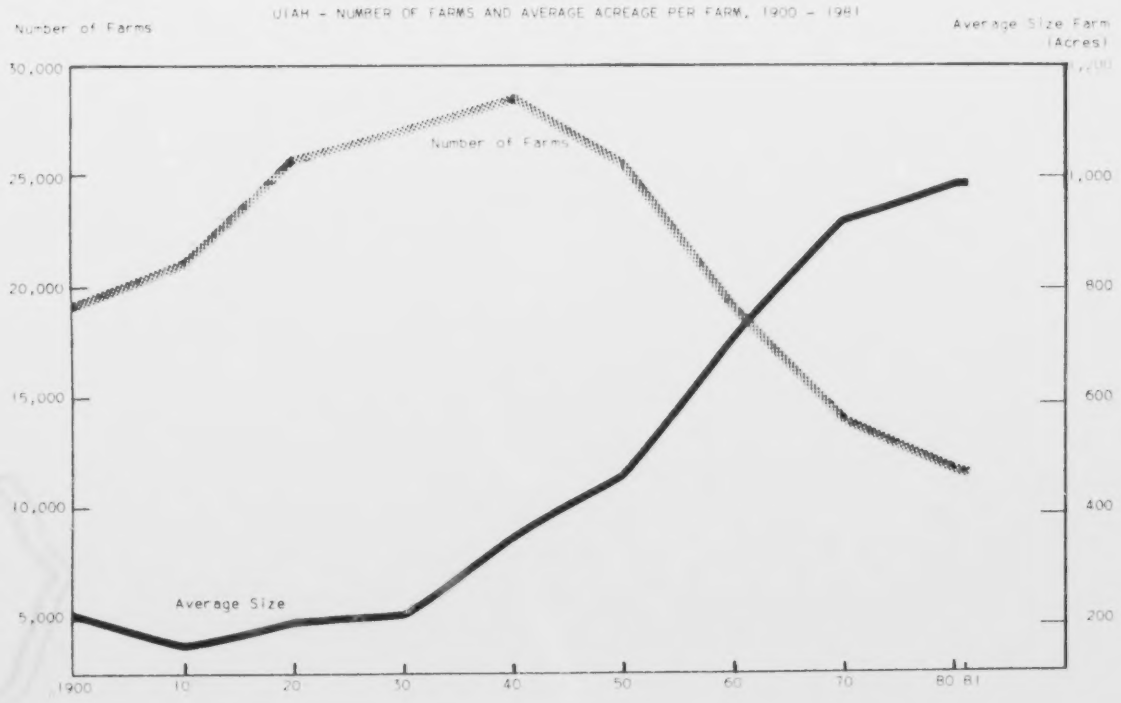
Year	Total Population	Farm Population	
		Number	% of Total
1920	451,000	141,000	31.3
1930	508,000	116,000	22.8
1940	550,000	105,000	19.1
1950	689,000	81,000	11.8
1960	891,000	65,000	7.3
1970	1,059,000	38,000	3.6

"Farm Population Estimates" Rural Development Service, USDA Statistical Bulletin.

Number of Farms

Since the depression of the 1930's, farm numbers have shown an almost steady decline--not only in Utah, but across the country. The trend has been to larger, more capital intensive farms with continually decreasing labor requirements. This growth, in size of farms and increased mechanization, has enabled the American farmer to take advantage of many production innovations. The result is an agriculture industry that is the envy of the world, and an upward productivity spiral that can't be matched by any other segment of our economy. Corn is a striking example of this efficiency. Since the mid-1930's, when farm numbers were at a high, yield per acre for corn has increased fourfold. The result is that on one-fourth less acreage, we now produce three times as much corn.

For the past several years, farm numbers have leveled out in Utah and, in fact, have increased in some western states. Consolidation has continued, of course, but at the same time some larger farms have been broken up into smaller "hobby" farms. As a result of this, and the continual loss of some land to urban development, the average size farm has dropped by 31 acres since 1975. The trend for commercial farms will probably continue to be decreasing numbers and increasing size, in order to take advantage of production innovations that come along.



Number of Farms and Land in Farms, Selected Years 1850-1981 1/.

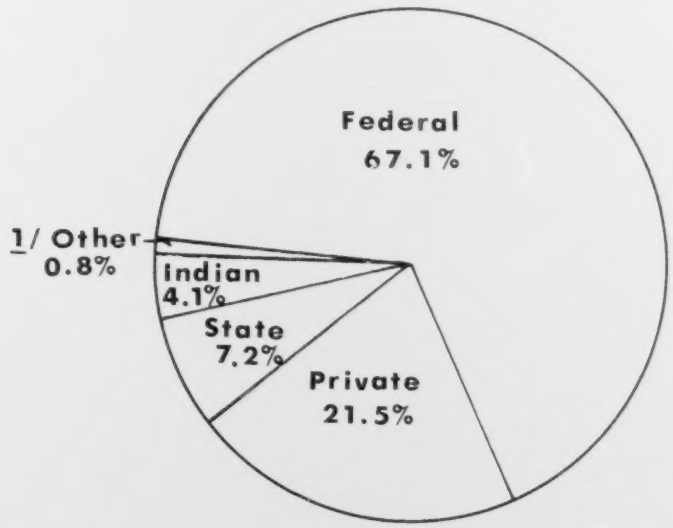
Year	UTAH			UNITED STATES		
	Farms	Land in Farms		Farms	Land in Farms	
		Average	Total		Average	Total
	Number	Acres	1,000 Acres	1,000	Acres	1,000,000 Acres
1850.....	926	51	47	1,449	203	294
1860.....	3,635	25	90	2,044	199	407
1880.....	9,452	69	656	4,009	134	536
1900.....	19,387	212	4,117	5,737	146	839
1920.....	25,662	197	5,050	6,448	148	956
1930.....	27,159	207	5,613	6,289	157	987
1936 2/.....	30,800	--	--	--	--	--
1940.....	28,500	354	10,100	6,097	174	1,061
1950.....	25,800	465	12,000	5,382	215	1,159
1960.....	19,000	716	13,600	3,963	297	1,176
1965.....	16,500	818	13,500	3,356	340	1,140
1970.....	14,100	936	13,200	2,949	374	1,102
1975 3/.....	12,600	1,000	12,600	2,521	420	1,059
1976.....	12,700	992	12,600	2,497	422	1,054
1977.....	12,800	984	12,600	2,456	427	1,048
1978.....	12,900	977	12,600	2,436	429	1,045
1979.....	13,000	969	12,600	2,430	429	1,043
1980.....	13,000	969	12,600	2,428	429	1,042
1981 4/.....	13,000	969	12,600	2,419	430	1,041

1/ 1850-1931 from U.S. Census of Agriculture--1940-81 are USDA estimates.
2/ Record high number of farms in Utah.
3/ Starting with 1975 the figures are based on the "new definition" which is a place with annual sales of agricultural products of $1,000 or more. Prior to this definition "a farm" included places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.
4/ Preliminary.

Land Inventory

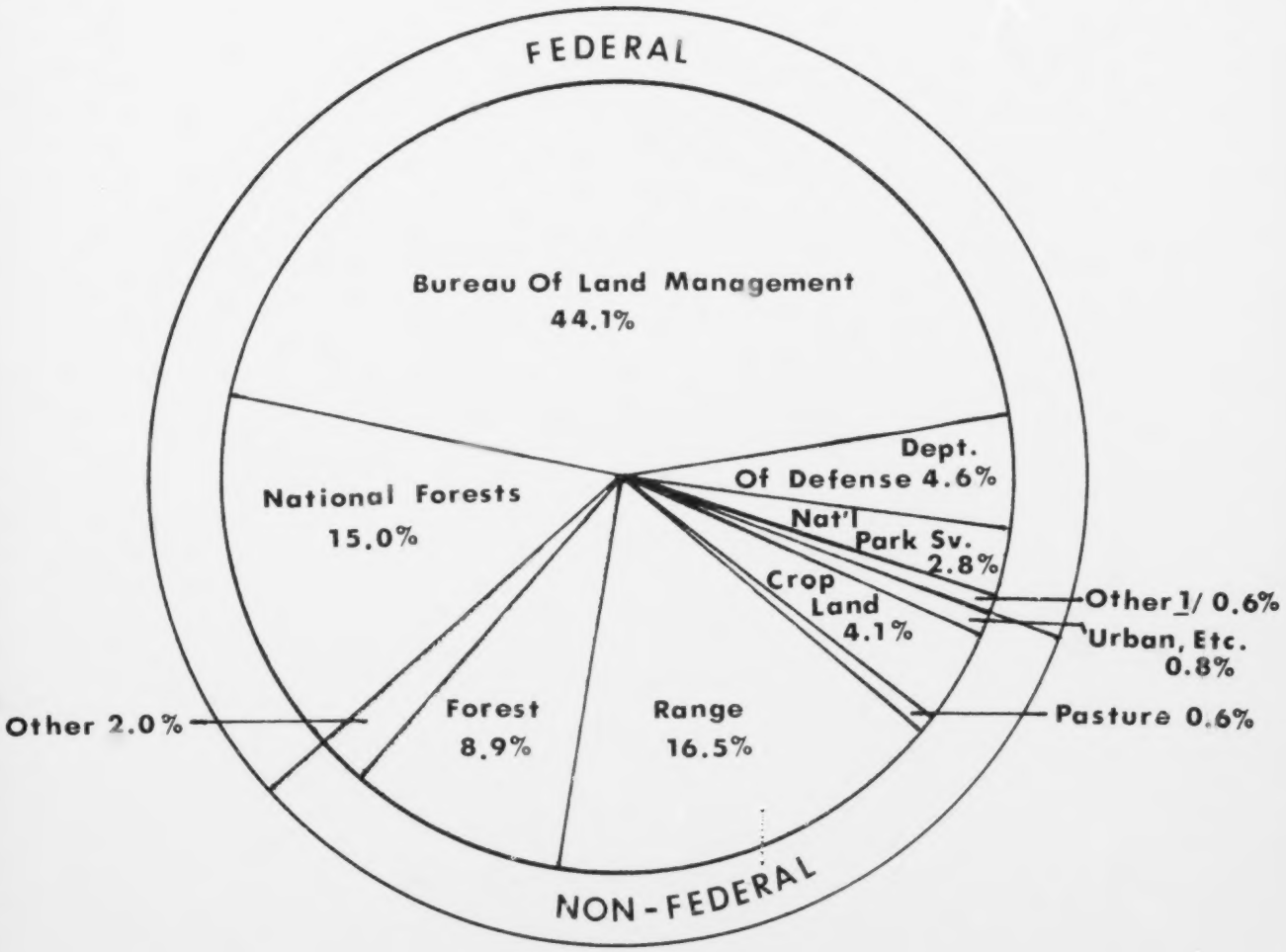
Most of Utah's land area is used for agricultural purposes, however, the great majority is suitable only for grazing livestock. According to the Utah Conservation Needs Inventory Report, Soil Conservation Service, U.S. Department of Agriculture, October 1970, only 4.1 percent of the land area in Utah was cropland in 1967. Of this amount, nearly two-thirds was irrigated cropland. Counties in north central Utah had the highest proportion of their land area in cropland--varying from 10.6 percent in Utah and Box Elder Counties to 25.4 percent in Cache. In other sections of the State, every county had less than 10 percent of its land area in cropland and most had less than 4 percent with the lowest, 0.3 percent, in Grand.

Two-thirds of the land in Utah is under Federal ownership and control. State owned lands amount to 7 percent of the total area and Indian lands are 4 percent of the total. Urban areas, roads, railroads, and small water areas account for less than 1 percent of the total. This leaves only about 21 percent of the state's land area under private ownership (excluding cities and towns). In north central counties, private ownership as a percent of the total land varies from 47 percent to 92 percent. In contrast, in south central and southeast counties, only 4 to 8 percent of the land area is under private ownership.



LAND AREA BY OWNERSHIP, UTAH 1967
(Total exceeds 100% due to duplication in one county.)

1/ Urban, roads, railroads, and small water areas.



USE OF NON-FEDERAL LANDS AND ADMINISTRATION OF FEDERAL LANDS, UTAH, 1967.

1/ Other Federal includes Water and Power Resources Service, and Fish and Wildlife Service.

Cropland: Irrigated, Nonirrigated, and Total, Utah 1967.

County	Cropland				Total Land Area
	Irrigated	Non-irrigated	Total	Percentage of Total Land Area	
	Acres	Acres	Acres	Percent	Acres
Beaver....	39,441	668	40,109	2.4	1,653,760
Box Elder.	120,642	261,224	381,866	10.6	3,601,280
Cache.....	103,468	87,243	190,711	25.4	751,360
Carbon....	16,617	--	16,617	1.8	946,530
Daggett...	10,985	--	10,985	2.5	438,680
Davis.....	36,472	3,515	39,987	21.0	190,080
Duchesne..	74,963	46	75,009	3.6	2,083,900
Emery.....	46,295	--	46,295	1.6	2,844,580
Garfield..	31,869	1,863	33,732	1.0	3,318,400
Grand.....	5,934	165	6,099	0.3	2,366,080
Iron.....	59,146	21,990	81,136	3.8	2,112,000
Juab.....	23,844	68,371	92,215	4.2	2,183,680
Kane.....	8,912	5,011	13,923	0.5	2,570,240
Millard...	112,340	70,384	182,724	4.2	4,347,520
Morgan....	11,401	7,335	18,736	4.8	390,400
Piute.....	25,993	--	25,993	5.4	482,560
Rich.....	48,386	11,616	60,002	9.2	654,720
Salt Lake.	51,375	34,248	85,623	17.5	488,960
San Juan..	7,111	138,905	146,016	2.9	4,991,360
Sanpete...	84,130	12,575	96,705	9.5	1,022,080
Sevier....	64,836	2,612	67,448	5.5	1,234,560
Summit....	40,497	3,360	43,857	3.7	1,188,560
Tooele....	18,859	20,917	39,776	0.9	4,430,720
Uintah....	83,435	3,760	87,195	3.0	2,862,080
Utah.....	103,757	33,474	137,231	10.6	1,288,960
Wasatch...	26,959	--	26,959	3.5	762,240
Washington	21,751	16,318	38,069	2.5	1,553,280
Wayne.....	21,815	--	21,815	1.4	1,591,040
Weber.....	47,394	959	48,353	13.0	371,840
State.....	1,348,627	806,559	2,155,186	4.1	52,721,550

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U. S. Department of Agriculture, October, 1970.

Land Area in Utah by Ownership 1/, 1967.

County	State	Federal	Indian	Urban Roads & Railroads	Small Water 2/	Private	Total
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	156,330	1,266,443	--	10,646	187	220,154	1,653,760
Box Elder	199,880	1,633,700	--	26,284	150	1,741,266	3,601,280
Cache	28,680	268,131	--	18,235	919	435,395	751,360
Carbon	96,092	455,233	--	9,290	1,130	384,785	946,530
Daggett	24,171	348,341	--	2,066	550	63,552	438,680
Davis	812	42,671	--	23,646	118	122,833	190,080
Duchesne	74,502	980,597	240,164	4,317	733	783,587	2,083,900
Emery	304,624	2,325,218	--	12,095	220	202,423	2,844,580
Garfield	222,712	2,953,729	--	8,662	960	132,337	3,318,400
Grand 3/	362,105	2,053,635	200,274	10,149	20	157,488	2,366,080
Iron	134,803	1,215,203	--	14,698	20	747,276	2,112,000
Juab	178,526	1,569,966	39,038	13,569	50	382,531	2,183,680
Kane	217,996	2,200,574	--	6,346	36	145,288	2,570,240
Millard	400,955	3,286,068	--	24,602	1,240	634,655	4,347,520
Morgan	9,982	17,290	--	3,781	131	359,216	390,400
Piute	57,220	357,186	--	2,577	640	64,937	482,560
Rich	67,695	219,695	--	4,376	118	362,836	654,720
Salt Lake	4,286	110,335	--	66,118	243	307,978	488,960
San Juan	325,317	2,985,630	1,247,563	15,253	997	416,600	4,991,360
Sanpete	42,679	531,989	--	11,876	400	435,136	1,022,080
Sevier	46,187	939,842	--	12,285	247	235,999	1,234,560
Summit	11,481	516,934	--	6,610	1,380	652,255	1,188,660
Tooele	219,971	3,659,502	17,763	15,908	22	517,554	4,430,720
Uintah	232,625	1,856,529	411,023	10,576	1,396	349,931	2,862,080
Utah	64,136	572,302	--	52,414	403	599,705	1,288,960
Wasatch	56,252	450,035	--	3,622	253	252,078	762,240
Washington	94,556	1,171,516	--	10,232	140	276,836	1,553,280
Wayne	146,651	1,338,875	--	5,416	133	99,965	1,591,040
Weber	4,070	70,105	--	24,365	1,542	271,758	371,840
State Total	3,785,296	35,397,274	2,155,825	430,014	14,378	11,356,354	52,721,550

1/ Water areas of more than 40 acres and rivers wider than one-eighth mile have been excluded.
2/ Water areas of 2 to 40 acres and streams less than one-eighth mile in width.
3/ An overlap between Federal and non-Federal land in Grand County by 417,591 acres.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U.S. Department of Agriculture, October, 1970.

Use of Land in Utah 1/ Excluding Federal, Urban, and Small Water 2/, 1967.

County	Cropland	Pasture	Range	Forest	Other	Cross Total	Total All Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	40,109	4,001	265,721	58,031	8,622	376,484	1,653,760
Box Elder	381,866	108,365	1,097,909	195,992	157,014	1,941,146	3,601,280
Cache	190,711	1,138	162,889	101,042	8,295	464,075	751,360
Carbon	16,617	--	166,869	277,199	20,192	480,877	946,530
Daggett	10,985	12	55,617	17,896	3,213	87,723	438,680
Davis	39,987	1,683	50,793	23,603	7,579	123,645	190,080
Duchesne	75,009	1,622	393,956	558,557	69,109	1,098,253	2,083,900
Emery	46,295	--	325,791	54,565	80,396	507,047	2,844,580
Garfield	33,732	3,660	227,139	60,120	30,398	355,049	3,318,400
Grand	6,099	1,664	137,270	150,016	7,227	302,276	2,366,080
Iron	81,136	17,830	445,196	321,375	16,542	882,079	2,112,000
Juab	92,215	7,508	252,695	230,551	17,126	600,095	2,183,680
Kane	13,923	11,795	84,813	250,708	2,045	363,284	2,570,240
Millard	182,724	6,431	670,372	91,535	84,548	1,035,610	4,347,520
Morgan	18,736	5,212	192,045	148,027	5,118	369,198	390,400
Piute	25,993	438	67,311	16,248	12,167	122,157	482,560
Rich	60,002	42,173	271,614	47,048	9,694	430,531	654,720
Salt Lake	85,623	10,556	132,385	69,594	14,106	312,264	488,960
San Juan	146,016	60,531	1,263,007	462,318	57,608	1,989,480	4,991,360
Sanpete	96,705	19,937	138,981	209,779	12,413	477,815	1,022,080
Sevier	67,448	884	117,159	83,985	12,710	282,186	1,234,560
Summit	43,857	1,718	284,292	292,359	41,510	663,736	1,188,660
Tooele	39,776	2,326	418,469	214,332	80,385	755,288	4,430,720
Uintah	87,195	1,561	560,420	179,040	165,363	993,579	2,862,080
Utah	137,231	4,571	325,014	188,644	8,381	663,841	1,288,960
Wasatch	26,959	292	126,829	141,333	12,917	308,330	762,240
Washington	38,069	4,729	181,112	124,459	23,023	371,392	1,553,280
Wayne	21,815	--	171,645	10,465	42,691	246,616	1,591,040
Weber	48,353	1,770	117,803	86,346	21,556	275,828	371,840
State Total	2,155,186	322,407	8,705,116	4,665,227	1,031,948	16,879,884	52,721,550

1/ Water areas of more than 40 acres and rivers wider than one-eighth mile are excluded.
2/ Water areas of 2 to 40 acres and streams less than one-eighth mile in width.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U.S. Department of Agriculture, October, 1970.

Federal Land Acreage in Utah, Counties and State, 1967 1/.

County	Total Federal	National Forest	Bureau of Land Management	Department of Defense	Fish and Wildlife Service	National Park Service	Water & Power Resources Service 2/
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	1,266,443	138,349	1,128,094	--	--	--	--
Box Elder	1,633,700	95,650	1,252,795	207,000	65,926	--	12,329
Cache	268,131	267,073	160	--	--	--	898
Carbon	455,233	29,632	422,758	400	--	--	2,443
Daggett	348,341	235,309	110,117	--	--	--	2,915
Davis	42,671	35,123	23	7,321	--	--	204
Duchesne	980,597	739,414	212,414	--	--	--	28,769
Emery	3,325,218	210,108	2,110,325	--	--	--	4,785
Garfield	2,953,729	1,036,581	1,632,634	--	--	284,331	183
Grand	2,053,635	57,527	1,454,301	507,797	--	34,010	--
Iron	1,215,203	238,148	968,187	--	--	8,868	--
Juab	1,569,966	109,057	1,442,917	--	17,992	--	--
Kane	2,200,574	123,081	1,672,062	--	--	375,060	30,371
Millard	3,286,068	306,344	2,976,769	2,955	--	--	--
Morgan	17,290	12,536	2,175	--	--	--	2,579
Piute	357,186	190,397	166,789	--	--	--	--
Rich	219,695	53,874	165,821	--	--	--	--
Salt Lake	110,335	89,399	8,006	12,877	--	--	53
San Juan	2,985,630	450,432	1,955,319	--	--	579,060	819
Sanpete	531,989	387,599	144,390	--	--	--	--
Sevier	939,842	711,162	228,680	--	--	--	--
Summit	516,934	507,479	5,573	--	--	--	3,882
Tooele	3,659,502	152,223	1,948,417	1,558,862	--	--	--
Uintah	1,856,529	268,053	1,438,405	93,376	7,448	47,989	1,258
Utah	572,302	466,019	91,831	13,405	22	250	775
Wasatch	450,035	380,545	6,644	--	--	--	62,846
Washington	1,171,516	392,696	598,018	--	--	122,874	57,928
Wayne	1,338,875	161,589	1,124,026	--	--	44,943	8,317
Weber	70,105	60,634	600	3,516	--	--	5,355
State Total 1967	35,397,274	7,906,033	23,268,250	2,407,509	91,388	1,497,385	226,709

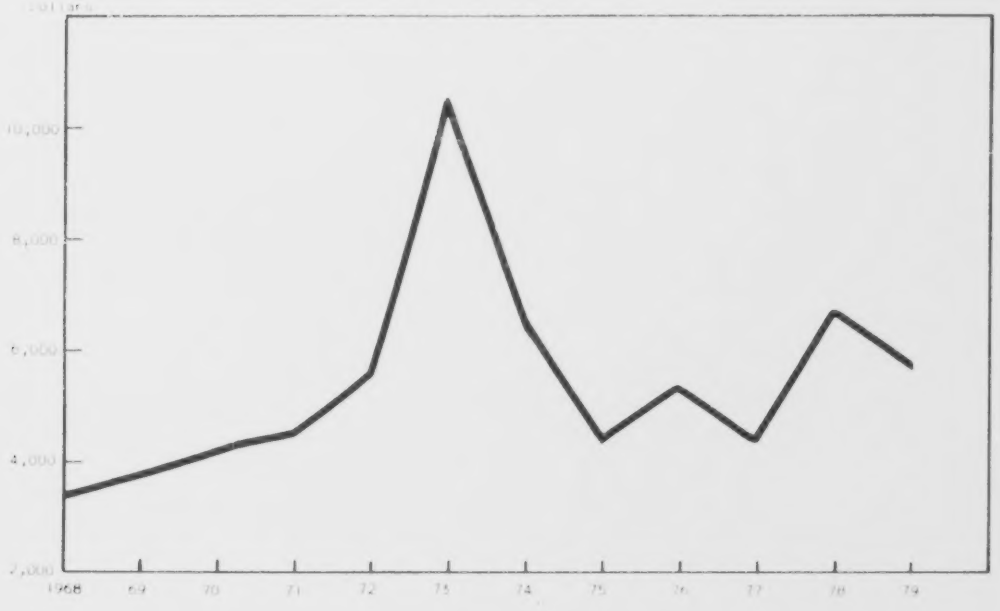
1/ Numerous changes have been made in acreage administered by various federal agencies. Current acreage figures should be obtained from the agency concerned.
2/ Acquired land administered by Water and Power Resources Service.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U.S. Department of Agriculture, October, 1970.

Farm Income

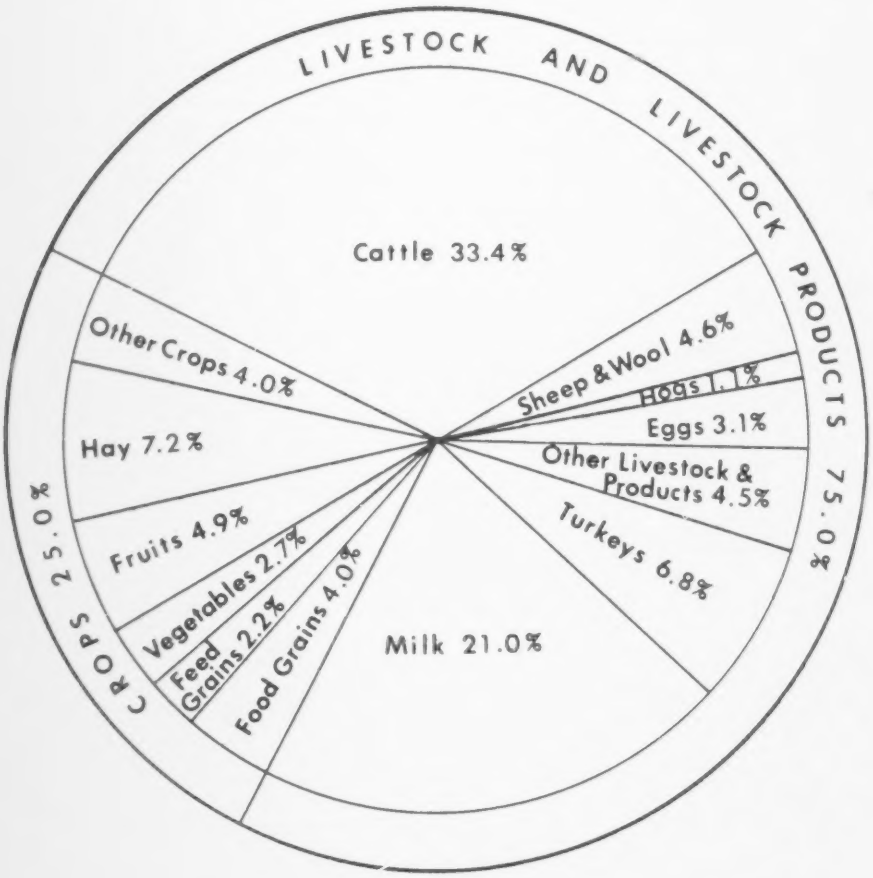
A farm income milestone was reached in 1980 as Utah farmers exceeded one-half billion dollars in cash receipts--up more than 8 percent from the previous year. Livestock and livestock products made the major contribution with a 9 percent increase in receipts. Livestock production has traditionally dominated the state's agriculture. In 1978, some 78 percent of all cash receipts were generated by the sale of livestock and their products. In 1979, the figure had dipped to 75 percent. The strongest force behind the upturn in livestock importance has been the high cattle prices. Cattle numbers began a steady decline in 1976, until a slight upturn was reported on January 1, 1980. The impact of the reduced numbers began to be felt early in 1978, when prices began to rise. By the end of the year, prices were at record high levels and the average for the year was also a record high. The first quarter of 1979 brought more sharp increases before a leveling off came for the last three quarters. Another record high average was set in 1979. Prices in 1980 fell sharply from 1979, but were still the second highest year on record. At the same time cattle prices were high, milk prices, lamb and wool prices, and turkey prices were also good. The expected benefits of these strong farm prices were mostly neutralized, however, by record production costs.

UTAH, NET FARM INCOME, 1968 - 1979



Crop producers also enjoyed a good year in 1980. The primary cash crops in the State were hay, wheat, fruit, and vegetables. Hay production was at a record high and brought a record price on the market. With strong demand and a good price, the 1980 hay crop helped boost the income to the state's farmers, and with roughly one-third of all crops cash receipts coming from the sale of hay, the contribution was significant. Wheat also set dual records, both in production and price. The 1980 fruit crop was about the average of the past several years, and prices were generally good. Value of production was down sharply from 1979, but was still the second highest on record.

Looking back to 1979, the last year for which we have itemized-data, there was a modest 3 percent increase in cash receipts. Cattle were off 2 percent, as prices began to moderate during the year. Poultry and eggs, and dairy products remained about the same. Crop cash receipts in 1979 led by feed grains, and fruits made a 16 percent jump from the previous year.



CASH RECEIPTS BY COMMODITIES
UTAH, 1979

Cash Receipts by Commodities, Utah, Selected Years.

Commodity	1950	1960	1970	1/1978		1/1979	
	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	Percent	1,000 Dollars	Percent
All Commodities	152,542	161,389	330,188	452,730	100.0	461,787	100.0
Livestock Products	113,303	127,250	234,410	352,890	77.9	346,394	75.0
Meat Animals	56,108	62,968	99,403	185,135	40.9	176,521	38.2
Cattle, Calves	38,784	48,989	76,200	161,800	35.7	154,188	33.4
Sheep, Lambs	13,535	11,402	17,234	17,456	3.9	17,150	3.7
Hogs	3,779	2,577	5,969	5,879	1.3	5,183	1.1
Dairy Products	21,717	28,843	77,919	96,780	21.4	96,800	21.0
Milk Wholesale	19,004	28,083	73,100	90,640	20.0	90,125	19.5
Milk Retail	2,080	540	4,819	6,140	1.4	6,675	1.4
Other	633	220	--	--	--	--	--
Poultry and Eggs	26,747	24,429	40,320	45,980	10.1	46,884	10.2
Turkeys	9,984	13,733	27,796	31,352	6.9	32,263	7.0
Eggs	12,936	8,638	11,265	14,410	3.2	14,362	3.1
Farm Chickens	2,826	305	119	188	*	259	.1
Other	951	1,753	1,140	--	--	--	--
Misc. Livestock	8,731	11,010	16,768	25,035	5.5	26,189	5.7
Wool	6,844	4,351	2,702	3,462	.8	4,126	.9
Honey	270	272	1,089	858	.2	1,238	.3
Beeswax	21	15	39	43	*	43	*
Other	1,596	6,372	12,938	20,662	4.6	20,782	4.5
Crops	39,239	34,739	95,778	99,840	22.1	115,393	25.0
Food Grains	10,571	6,422	24,045	14,003	3.1	18,422	4.0
Wheat	10,537	6,418	24,031	14,003	3.1	18,422	4.0
Other	34	4	14	--	--	--	--
Feed Crops	5,864	8,634	31,706	37,164	8.2	43,316	9.4
Hay	2,886	6,222	21,658	27,608	6.1	33,241	7.2
Barley	2,551	2,087	7,185	7,153	1.6	7,083	1.5
Corn	46	135	2,534	2,172	.5	2,720	.6
Oats	381	210	329	231	.1	272	.1
Vegetables	8,661	6,654	12,517	10,787	2.4	12,682	2.7
Potatoes	3,031	3,371	5,272	3,927	.9	4,121	.9
Onions	373	434	2,164	3,807	.8	4,365	.9
Dry Beans	168	105	1,806	156	*	557	.1
Misc. Vegetables	5,089	2,744	3,575	2,897	.6	3,639	.8
Fruits, Nuts	2,019	3,309	7,972	14,649	3.2	22,695	4.9
Apples	667	512	2,857	3,974	.9	6,299	1.4
Peaches	373	559	2,090	2,499	.6	2,992	.6
Cherries	239	829	1,882	6,897	1.5	10,642	2.3
Pears	112	497	591	893	.2	1,372	.3
Apricots	43	260	185	230	.1	911	.2
Other Fruits, Nuts	585	652	367	456	.1	479	.1
All Other Crops	12,124	9,720	19,538	23,237	5.1	18,278	4.0
Sugar Beets	6,046	6,164	9,566	6,875	1.5	899	.2
Greenhouse Nursery	1,382	1,600	4,060	8,071	1.8	8,510	1.8
Alfalfa Seed	4,428	1,722	3,892	5,034	1.1	4,901	1.1
Forest Products	3	30	120	150	*	200	*
Other Crops	265	204	1,900	3,307	.7	3,768	.8

1/ Source: Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics, 1979, March 1981, Statistical Bulletin No. 661, Economics and Statistics Service, USDA. Note: Data for some items are confidential and are not listed. Also, data for minor commodities are not shown separately. Both classes of items are included in group totals.

*Less than 0.05 percent. Percents may not be accurate to 0.1 in last place because of method of machine computation.

Cash Receipts, Gross and Net Income from Farming, Utah, Selected Years.

Item	1940	1/1950	1/1960	1/1970	1/1977	1/1978	1/1979	2/1980
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Total for State								
Cash Receipts:								
Crops	12.6	--	--	--	104.5	99.8	115.4	124.0
Livestock & Livestock Products	34.0	--	--	--	264.6	362.9	346.4	376.3
Crops and Livestock	46.6	152.5	162.8	222.1	369.1	452.7	461.8	500.3
Government Payments	2.8	2.4	6.6	11.1	18.6	20.2	5.2	--
Nonmoney Farm Income	--	13.4	13.5	16.8	42.0	44.5	52.3	--
Other Farm Income	--	0.2	1.6	2.3	5.9	6.5	8.0	--
Realized Gross Farm Income 3/	--	168.5	184.5	252.4	435.6	523.9	527.3	--
Farm Production Expenses	--	108.9	148.2	194.3	373.1	417.4	475.0	--
Realized Net Farm Income 4/	--	59.6	36.2	58.1	62.6	106.5	52.3	--
Net Change in Farm Inventories	--	4.4	-5.8	1.9	-6.6	-19.7	24.1	--
Total Net Farm Income 5/	--	64.0	30.4	60.1	55.9	86.8	76.5	--
Average Per Farm	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
Realized Gross Income per Farm	--	6,534	9,708	17,901	34,033	40,612	40,565	--
Realized Net Income per Farm	--	2,312	1,906	4,122	4,888	8,256	4,025	--
Total Net Income per Farm	--	2,481	1,599	4,261	4,368	6,727	5,882	--

1/ Source: "Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics, 1979", Statistical Bulletin No. 661, March 1981, Economics & Statistics Service, USDA. 2/ Source: "Agricultural Outlook", Economics & Statistics Service, USDA, April 1981. 3/ Cash Receipts plus government payments, nonmoney farm income, and other farm income. 4/ Realized gross farm income less farm production expenses. 5/ Realized net farm income plus net change in farm inventories.

Farm Operating Expenses, Utah, Selected Years.

Item	1950	1960	1970	1/1977	1/1978	1/1979
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Feed	25.9	32.1	42.9	74.5	79.5	86.2
Livestock	12.2	11.6	14.6	17.3	24.3	31.9
Seed	2.7	2.2	2.6	8.1	8.0	9.1
Fertilizer & Lime	1.7	1.9	4.1	8.4	9.1	8.7
Repairs and Operation of Capital Items	15.8	21.4	25.2	55.6	62.5	75.6
Miscellaneous	11.5	16.4	27.1	65.5	75.4	89.8
Hired Labor	14.7	15.0	15.1	26.9	29.4	30.8
Total Current Farm Operating Expenses	84.5	100.7	131.6	256.4	288.2	332.1
Depreciation & Other consumption of Farm Capital	13.3	20.9	33.7	71.8	76.5	86.3
Taxes of Farm Property	5.7	8.0	10.4	16.4	19.8	18.6
Interest on Farm Mortgage Debt	2.1	5.2	8.0	17.8	21.8	27.5
Net Rent to Nonfarm Landlords	2.9	4.9	5.5	10.7	11.1	10.5
Total Production Expenses (Revised 9/80)	108.9	148.2	194.3	373.1	417.4	475.0

1/ Source: "Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics, 1979", March 1981, Statistical Bulletin No. 661, Economics and Statistics Service, USDA.

Field & Seed Crops

Utah farmers entered the 1980 crop season with at least 140 percent of normal moisture. The abundant snowpack and reservoir storage provided plenty of irrigation water throughout the year.

Cool temperatures and recurring storms slowed planting during the early part of the season. Temperatures gradually increased through June, and by late in the month were above normal and led to a hot, dry summer.

There was some weather stress to crops around the state, but not enough to seriously affect yields. The plentiful water supply allowed irrigated crops to weather the summer in reasonably good condition, in spite of the hot weather. Nonirrigated small grains responded to the cool, wet spring by producing record yields. Corn was behind schedule all summer because of late planting and cool spring weather. Dry beans, in San Juan County, were severely stressed because of the heat and lack of summer storms.

The dry weather continued through the summer and into the fall. A late September frost caused a loss of quality and tonnage in silage corn, but this was followed by very favorable conditions. Corn for grain was able to mature into the fall and set a record yield. The long fall also allowed for an unusual fourth cutting of alfalfa hay in many areas.

Winter Wheat: After a dismal fall, winter and spring storms brought enough moisture for Utah farmers to harvest a record crop of winter wheat. Production was up 29 percent from 1979, with 7,502,000 bushels being threshed. The average yield of 31.0 bushels was up 29 percent and set a record. Winter wheat seedings for 1981 were indicated at 250,000 acres, a decrease of 4 percent from last year's 260,000 acres planted.

Spring Wheat: Production of spring wheat declined during 1980 because of a 25 percent reduction in harvested acreage. Production was 1,440,000 bushels, off 12 percent from the year earlier, but yields were at a record 48.0 bushels per acre.

Dry Edible Beans: Wet fields in the spring delayed bean planting, and that, coupled with the long, dry summer, reduced 1980 yields from the year before. Output averaged 380 pounds per acre, 20 pounds less than in 1979. Farmers were able to harvest 11,000 acres, or 3,000 acres more than the previous year. The increase in harvested acreage resulted in an upturn in production--42,000 hundredweight (cwt.) in 1980 compared with 32,000 cwt. for 1979.

Potatoes: Utah farmers harvested 5,200 acres of fall potatoes in 1980, a decline of 300 acres from 1979. The average yield of 220 cwt. per acre was down 30 cwt. Production was 1,144,000 cwt., off 231,000 cwt. from 1979.

Sugar Beets: Production of sugar beets continued the dramatic decline which started in 1979 with the closing of the last processing plant in the state. Production was 12,000 tons, the lowest on record and 18,000 tons

lower than last year's previous record low. Yields were 20.0 tons per acre, which set a new record. The harvested acreage dropped to 600 acres, which was much lower than the 1,500 acres in 1979. There will likely be no beets grown for sugar in 1981.

Oats: Production of oats totaled 915,000 bushels in 1980, an increase of 15,000 bushels from last year's crop. The total harvested acreage of oats for grain has remained stable, at 15,000 acres, since 1978. Yields increased one bushel to 61.0 bushels per acre.

Barley: New records were set for barley production and yield in 1980. Total output of 10,804,000 bushels was 3 percent greater than the previous record set in 1979. The old yield record was bested by one bushel, with a harvest of 73.0 bushels per acre. Harvested acreage increased by 3,000, to 148,000 acres.

All Hay: Total hay production increased 2 percent during 1980. This year's harvest was 2,058,000 tons compared with 2,026,000 in 1979. Alfalfa hay production was 1,833,000 tons, an increase of 2 percent from the year earlier. The yield per acre increased slightly to 3.90 tons per acre, and set a new record. Other hay production was 225,000 tons, an increase of 4,000 tons.

Corn for Grain: Favorable harvesting conditions, despite an early frost, allowed Utah producers to set a record for corn yields, with 100.0 bushels per acre. Production was off 4,000 bushels, at 1,500,000 bushels, because harvested acreage for grain decreased to 15,000 acres.

Corn for Silage: Increased acreage offset decreased yields as Utah farmers produced 1,501,000 tons of corn silage in 1980. This was a 1 percent increase over the 1979 production. Harvested acreage increased 4 percent to 79,000 acres. Yields were half a ton lower than 1979, at 19.0 tons per acre.

Grain being harvested with large combines

Corn: Acreage Planted and Acreage Harvested by Use, Utah, Selected Years.

Year	Planted Total	Harvested			
		Total	For Silage	For Grain	For Forage 1/
	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres
1940	29	27	10	10	-
1950	31	30	21	5	4
1960	49	47	41	3	3
1970	63	62	49	10	3
1972	80	79	69	8	2
1973	90	89	74	13	2
1974	95	94	78	14	2
1975 2/	100	98	80	15	3
1976 2/	100	96	80	15	3
1977	80	78	62	13	3
1978	92	90	71	16	3
1979	96	94	76	16	2
1980 2/	100	97	79	15	3

1/ Includes corn hogged, grazed, and that cut and fed without removing ears. 2/ Record high acreage of corn.

Corn for Silage: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production
	1,000 Acres	Ton	1,000 Tons	Dollars per Ton	1,000 Dollars
1940	10	9.4	94	--	--
1950	21	11.0	231	7.50	1,732
1960	41	14.5	594	8.00	4,752
1970	49	18.0	882	9.80	8,644
1972	69	17.0	1,173	11.50	13,490
1973	74	17.5	1,295	14.50	18,778
1974	78	17.0	1,326	17.20	22,807
1975 1/	80	18.0	1,440	15.90	22,896
1976 1/	80	16.0	1,280	17.30	22,144
1977	62	17.0	1,054	17.20	18,129
1978	71	16.0	1,136	15.80	17,949
1979	76	19.5	1,482	18.30	27,121
1980	79	19.0	1,501	21.10	31,671

1/ Record high acreage of corn harvested for silage.

Corn Harvested for Grain: Acreage Harvested, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 1/
	1,000 Acres	Bushel	1,000 Bushels	Dollars per Bu.	1,000 Dollars	1,000 Bushels	1,000 Dollars
1940	10	29.0	290	--	--	--	--
1950	5	50.0	250	--	--	--	--
1960	3	64.0	192	1.50	288	48	72
1970	10	90.0	900	1.40	1,260	495	693
1972	8	92.0	736	1.90	1,398	420	798
1973	13	88.0	1,144	2.78	3,180	744	2,068
1974	14	80.0	1,120	3.10	3,472	739	2,291
1975	15	86.0	1,290	3.00	3,870	903	2,709
1976	15	90.0	1,350	2.55	3,443	945	2,410
1977	13	89.0	1,157	2.45	2,835	764	1,872
1978 2/	16	90.0	1,440	2.65	3,816	994	2,634
1979 2/	16	94.0	1,504	2.95	4,437	1,053	3,106
1980	15	100.0	1,500	3.75	5,625	1,050	3,938

1/ Quantity sold times season average price. 2/ Record high acreage of corn harvested for grain.

Winter Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Planted	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars
1940	191	180	19.0	3,420	.63	2,155
1950	344	326	16.0	5,216	1.86	9,702
1953 1/	362	342	17.0	5,814	1.90	11,047
1960	193	181	18.5	3,348	1.71	5,725
1970	200	191	27.0	5,157	1.41	7,271
1972	218	205	26.5	5,433	1.77	9,616
1973	235	207	24.0	4,968	4.16	20,667
1974	259	245	26.0	6,318	4.01	25,335
1975	250	238	24.0	5,712	3.45	19,706
1976	265	235	23.5	5,523	2.57	14,194
1977	252	215	23.0	4,945	2.43	12,016
1978	263	231	29.0	6,699	2.99	20,030
1979	271	242	24.0	5,808	3.63	21,083
1980	260	242	31.0	7,502	3.85	28,633

1/ Record high acreage of winter wheat harvested.

Spring Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Planted	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars
1918 1/	--	160	25.0	4,000	1.88	7,520
1940	68	66	31.0	2,046	.65	1,330
1950	84	82	32.0	2,624	1.86	4,881
1960	52	48	40.5	1,944	1.61	3,130
1970	23	21	44.0	924	1.36	1,257
1972	17	16	44.0	704	1.79	1,252
1973	50	47	29.0	1,363	4.07	5,547
1974	60	52	32.0	1,664	3.94	6,556
1975	59	50	33.0	1,650	3.42	5,643
1976	54	49	31.0	1,519	2.62	3,515
1977	55	30	24.0	720	2.43	1,750
1978	47	39	36.0	1,404	2.94	4,128
1979	45	40	41.0	1,640	3.48	5,707
1980	52	30	48.0	1,440	3.80	5,472

1/ Record high acreage of spring wheat harvested.

All Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Planted	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales Quantity	Sales Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1940	259	246	22.2	5,466	.64	5,498		
1950	428	408	19.2	7,840	1.86	14,583	5,108	9,501
1953 2/	467	444	20.7	9,180	1.89	14,350		
1960	245	229	23.1	5,292	1.67	8,855	4,172	6,967
1970	223	212	28.7	6,081	1.40	8,528	5,333	7,479
1972	235	221	27.8	6,137	1.77	10,890	5,415	9,609
1973	285	254	24.9	6,331	4.14	26,214	5,574	23,080
1974	319	295	27.1	7,982	4.00	31,891	7,447	29,754
1975	309	288	25.6	7,362	3.44	25,349	6,560	22,588
1976	319	280	24.7	6,918	2.56	17,709	6,102	15,618
1977	285	245	23.1	5,665	2.43	13,766	4,793	11,645
1978	310	270	30.0	8,103	2.98	24,158	7,325	21,838
1979	314	282	26.4	7,448	3.60	26,790	6,659	23,949
1980	292	272	32.9	8,942	3.93	35,105	8,209	32,228

1/ Quantity sold times season average price excl. price support. 2/ Record high acreage of all wheat harvested.

Barley: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1940	109	107	41.0	4,387	.46	2,018	1,009	464
1950	146	141	44.0	6,204	1.16	7,197	2,109	2,446
1957 2/	197	190	45.0	8,550	.93	7,952		
1960	160	147	43.5	6,394	1.00	6,394	1,982	1,982
1970	148	141	58.5	8,249	1.07	8,826	3,217	3,442
1972	143	132	61.0	8,052	1.36	10,951	3,221	4,381
1973	147	135	57.0	7,695	2.65	18,083	2,847	6,690
1974	144	131	54.0	7,074	2.86	20,232	2,830	8,094
1975	144	135	60.0	8,100	2.50	20,250	2,835	7,088
1976	151	130	55.0	7,150	2.21	15,802	2,717	6,005
1977	149	125	54.0	6,750	1.99	13,433	2,363	4,702
1978	165	150	64.0	9,750	2.34	19,890	3,510	7,160
1979	160	148	72.0	10,440	2.49	24,952	3,863	9,233
1980	162	148	73.0	10,804	2.95	31,872	3,889	11,473

1/ Quantity sold times season average price--excluding price support. 2/ Record high acreage of barley harvested.

Oats: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1910 2/	--	82	50.5	4,549	.49	1,587		
1940	46	44	59.0	1,831	.34	611	167	57
1950	56	51	45.2	2,295	.89	2,043	367	327
1960	29	23	46.0	1,058	.63	878	281	167
1970	24	17	60.0	1,020	.26	278	255	194
1972	24	15	52.0	676	1.05	710	142	149
1973	23	14	54.0	756	1.75	1,323	181	317
1974	21	12	53.0	636	1.85	1,177	140	294
1975	22	13	56.0	728	1.80	1,310	175	315
1976	22	12	57.0	684	1.75	1,197	164	287
1977	20	10	56.0	560	1.41	789	154	223
1978	27	16	68.0	870	1.55	1,349	226	350
1979	26	15	60.0	900	1.70	1,530	225	383
1980	26	15	61.0	915	1.95	1,784	229	447

1/ Quantity sold times season average price. 2/ Record high acreage of oats harvested.

Dry Beans: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Pounds	1,000 Cwt.	Dollars per Cwt.	1,000 Dollars	1,000 Cwt.	1,000 Dollars
1940	9	9	500	40	3.55	142	38	135
1950	12	11	280	27	6.40	173	26	166
1960	8	6	300	18	7.10	128	17	121
1970 2/	20	20	430	86	7.90	679	83	656
1972	20	13	400	52	9.10	473	50	455
1973	17	17	450	76	32.90	2,500	74	2,435
1974	16	16	310	50	29.60	1,480	48	1,421
1975	17	17	420	71	18.60	1,321	69	1,283
1976	13	13	390	51	12.10	617	50	605
1977	5	1	200	2	19.90	40	2	40
1978	9	8	300	24	17.90	430	23	412
1979	8	8	400	32	29.20	934	31	905
1980	12	11	380	42	27.00	1,134	41	1,107

1/ Quantity sold times season average price. 2/ Record high acreage of dry beans harvested.

Potatoes: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Planted	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production
	1,000 Acres	1,000 Acres	Cwt.	1,000 Cwt.	Dollars per Cwt.	1,000 Dollars
1940	13.0	12.9	102	1,316	.70	921
1943 1/	20.2	19.6	105	2,058	2.12	4,356
1950	13.5	13.0	147	1,911	1.75	3,344
1960	8.3	7.9	170	1,343	2.28	3,062
1970	6.0	5.9	170	1,003	2.38	2,387
1972	4.3	4.3	235	1,011	3.20	3,235
1973	5.1	5.0	220	1,100	3.30	3,630
1974	6.4	6.3	235	1,481	3.80	5,628
1975	5.9	5.8	260	1,508	3.70	5,580
1976	5.3	5.2	240	1,248	3.10	3,869
1977	6.0	5.9	240	1,416	3.04	4,305
1978	6.0	5.9	245	1,446	4.10	5,929
1979	5.6	5.5	250	1,375	4.30	5,913
1980	5.3	5.2	220	1,144	5.15	5,892

1/ Record high acreage of potatoes harvested.

Potatoes: Production, Farm Use, Sales, and Value, Utah, Selected Years.

Year	Production	Total Used for Seed 1/	Farm Disposition			Price per Cwt.	Value of Sales
			For Seed, Feed, and Household Use	Feed, Shrinkage, and Loss	Sold		
	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1940	1,316	--	--	--	915	.70	640
1950	1,911	--	--	--	1,540	1.75	2,695
1960	1,343	118	118	117	1,107	2.28	2,524
1970	1,003	81	49	90	864	2.38	2,056
1972	1,011	92	58	81	892	3.20	2,854
1973	1,100	128	29	88	983	3.30	3,244
1974	1,481	130	18	131	1,332	3.80	5,062
1975	1,508	117	28	181	1,299	3.70	4,806
1976	1,248	126	28	87	1,133	3.10	3,512
1977	1,416	120	24	160	1,232	3.04	3,745
1978	1,446	123	19	137	1,290	4.10	5,289
1979 2/	1,375	N/A	N/A	N/A	N/A	4.30	N/A

1/ Includes seed purchased and seed used on farms where grown. 2/ Available October 1, 1981.

Potatoes: Production and Total Stocks, Utah, 1963-79.

Year	Production	Total Stocks				
		December 1	January 1 Following Year	February 1 Following Year	March 1 Following Year	April 1 Following Year
	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.
1963	1,116	840	730	540	380	
1964	1,200	820	610	410	250	
1965	1,247	920	720	480	325	
1966	1,383	1,010	810	615	435	
1967	1,406	1,000	850	700	470	
1968	1,040	600	450	300	170	
1969	1,311	850	640	470	340	
1970	1,003	570	480	300	240	
1971	848	550	410	270	200	
1972	1,011	690	520	350	190	80
1973	1,100	800	580	400	230	--
1974	1,481	1,040	820	570	240	100
1975	1,508	1,160	810	570	300	170
1976	1,248	950	790	600	400	180
1977	1,416	980	720	450	285	140
1978	1,446	1,000	900	700	400	200
1979	1,375	1,050	950	750	500	300
1980 1/						

1/ Utah stocks estimates discontinued in 1980.

Sugar Beets: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price 1/	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Tons	1,000 Tons	Dollars per ton	1,000 Dollars
1920 2/.....	116	113	12.4	1,390	12.03	16,713
1940.....	51	48	10.5	504	5.08	2,560
1950.....	40	38	14.1	535	11.30	6,046
1960.....	32.9	31.6	17.0	536	11.50	6,164
1970.....	31.7	29.1	16.5	479	15.50	7,425
1972.....	22.5	22.0	19.6	431	17.50	7,543
1973.....	19.3	18.4	17.5	322	34.80	11,206
1974.....	17.7	17.0	17.4	296	45.50	13,468
1975.....	23.2	22.5	15.7	353	27.10	9,566
1976.....	18.4	18.0	17.6	317	19.40	6,150
1977.....	10.4	9.8	17.7	173	26.70	4,619
1978.....	12.7	12.6	17.9	225	29.00	6,525
1979.....	1.5	1.5	19.9	30	38.80	1,164
1980.....	.6	.6	20.0	12	3/	3/

1/ Does not include government payments under the Sugar-Act. 2/ Record high acreage of sugar beets harvested. 3/ Not available.

Large equipment can cover fields in a hurry

All Hay: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 2/
	1,000 Acres	Tons	1,000 Tons	Dollars per ton	1,000 Dollars	1,000 Tons	1,000 Dollars
1930 1/.....	686	2.02	1,383	8.60	11,894		
1940.....	553	1.92	1,059	10.50	11,120	191	2,006
1950.....	532	1.91	1,020	22.20	22,644	143	3,175
1960.....	566	2.26	1,281	26.40	33,818	243	6,415
1970.....	563	2.91	1,638	25.00	40,950	426	10,650
1972.....	586	2.58	1,513	35.00	52,955	348	12,180
1973.....	584	2.84	1,660	38.50	63,910	432	16,632
1974.....	584	2.96	1,729	46.50	80,399	450	20,925
1975.....	584	2.86	1,670	52.50	87,675	468	24,570
1976.....	580	3.14	1,820	53.50	97,370	582	31,137
1977.....	584	3.15	1,842	58.00	106,836	553	32,074
1978.....	594	3.18	1,886	47.00	88,642	585	27,495
1979.....	598	3.39	2,026	55.00	111,430	648	35,640
1980.....	595	3.46	2,058	69.50	143,031	617	42,882

1/ Record high acreage of all hay harvested. 2/ Quantity sold times season average price.

Hay Crops: Acreage, Yield, Production, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Year	Acres Harvested	Yield per Acre	Production
	1,000 Acres	Tons	1,000 Tons		1,000 Acres	Tons	1,000 Tons
	Alfalfa Hay				All Other Hay 1/		
1940.....	431	2.10	905	1940.....	122	1.26	154
1950.....	361	2.20	794	1950.....	171	1.32	226
1960.....	439	2.55	1,119	1960.....	127	1.28	162
1970.....	441	3.29	1,451	1970.....	122	1.68	205
1972.....	455	2.85	1,297	1972.....	131	1.65	216
1973.....	460	3.15	1,449	1973.....	124	1.70	211
1974.....	460	3.30	1,518	1974.....	124	1.70	211
1975.....	460	3.20	1,472	1975.....	124	1.60	198
1976.....	460	3.50	1,610	1976.....	120	1.75	210
1977.....	465	3.50	1,628	1977.....	119	1.80	214
1978.....	470	3.55	1,669	1978.....	124	1.75	217
1979.....	475	3.80	1,805	1979.....	123	1.80	221
1980.....	470	3.90	1,833	1980.....	125	1.80	225

1/ Includes clover-timothy hay, grain hay, other tame hay and wild hay for which separate estimates were discontinued in 1971.

Alfalfa Seed: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production Clean	Season Average Price	Value of Production	Sales	
						Quantity	Value 2/
	1,000 Acres	Pounds	1,000 Pounds	Dollars per cwt.	1,000 Dollars	1,000 Pounds	1,000 Dollars
1925 1/.....	71.7	275	19,718	14.80	2,918	Not available	
1940.....	54	83	4,500	14.30	644	Not available	
1950.....	57	165	9,405	49.50	4,655	8,888	4,400
1960.....	45	185	8,325	24.30	2,023	8,300	2,017
1970.....	16	195	3,120	33.00	1,030	3,089	1,019
1972.....	9	330	2,970	47.50	1,411	2,940	1,397
1973.....	10	230	2,300	103.00	2,369	2,277	2,345
1974.....	17	300	5,100	77.00	3,927	5,049	3,888
1975.....	13	280	3,640	62.00	2,257	3,604	2,234
1976.....	11	215	2,365	05.00	2,483	2,318	2,434
1977.....	14	260	3,640	124.00	4,514	3,604	4,469
1978.....	15	290	4,350	117.00	5,090	4,307	5,039
1979.....	17	280	4,760	104.00	4,950	4,712	4,900
1980.....	12	240	2,880	100.00	2,882		

1/ Record high acreage of alfalfa seed harvested. 2/ Quantity sold times season average price.

Grain Stocks - Wheat: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	4,704	3,685	2,587	--	588
1960.....	3,122	2,487	1,005	--	370
1970.....	3,588	2,068	1,034	--	304
1975.....	3,313	2,429	1,693	1,104	2/
1976.....	3,805	2,629	2,006	1,384	--
1977.....	3,342	2,719	2,039	1,360	--
1978.....	3,646	3,241	2,431	1,134	--
1979.....	4,096	2,905	1,564	1,043	--
1980.....	3,577	2,593	2,236		
			Off Farms 1/		
1950.....	7,535	6,628	4,908	--	3,398
1960.....	7,116	5,867	4,369	--	2,105
1970.....	5,424	5,323	4,252	--	2,264
1975.....	7,841	6,391	5,001	3,415	2/
1976.....	7,816	6,570	3,804	3,651	--
1977.....	6,215	4,859	3,648	2,703	--
1978.....	7,293	5,575	3,734	3,250	--
1979.....	6,430	5,867	4,153	3,360	--
1980.....	7,527	5,898	4,748		
			Total All Positions		
1950.....	12,239	10,313	7,495	--	3,986
1960.....	10,238	8,354	5,374	--	2,475
1970.....	9,012	7,391	5,286	--	2,568
1975.....	11,154	8,820	6,694	4,519	2/
1976.....	11,621	9,199	5,810	5,035	--
1977.....	9,557	7,578	5,687	4,063	--
1978.....	10,939	8,816	6,165	4,384	--
1979.....	10,526	8,772	5,717	4,403	--
1980.....	11,104	8,491	6,984		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stock - Oats: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	2,020	1,606	918	--	344
1960.....	984	730	296	--	148
1970.....	898	541	377	--	214
1975.....	582	408	255	109	2/
1976.....	479	287	185	82	--
1977.....	440	275	193	110	--
1978.....	609	479	261	157	--
1979.....	675	540	315	180	--
1980.....	595	503	265		
			Off Farms 1/		
1950.....	167	244	154	--	96
1960.....	1,085	802	376	--	223
1970.....	218	216	145	--	104
1975.....	125	105	88	91	2/
1976.....	144	225	115	108	--
1977.....	123	92	79	67	--
1978.....	139	116	216	45	--
1979.....	177	124	126	97	--
1980.....	199	113	136		
			Total All Positions		
1950.....	2,187	1,850	1,072	--	440
1960.....	1,085	802	376	--	223
1970.....	1,116	757	522	--	318
1975.....	707	513	343	200	2/
1976.....	623	512	300	190	--
1977.....	563	367	272	177	--
1978.....	748	595	477	202	--
1979.....	852	664	441	277	--
1980.....	794	616	401		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stocks - Barley: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	4,219	3,102	1,737	--	496
1960.....	4,923	3,197	1,596	--	895
1970.....	5,939	3,795	2,062	--	577
1975.....	4,617	3,645	1,944	1,377	2/
1976.....	3,718	2,860	1,716	858	--
1977.....	3,713	3,038	1,823	810	--
1978.....	4,875	3,998	2,438	1,170	--
1979.....	5,742	4,489	3,132	1,566	--
1980.....	4,862	4,322	2,701		
			Off Farms 1/		
1950.....	1,642	974	690	--	523
1960.....	1,653	1,087	848	--	477
1970.....	3,990	3,110	1,364	--	755
1975.....	3,029	2,200	1,410	1,091	2/
1976.....	4,290	3,265	1,566	1,418	--
1977.....	3,610	2,681	1,363	567	--
1978.....	3,701	3,117	1,707	1,160	--
1979.....	5,273	3,497	1,606	1,106	--
1980.....	5,563	3,356	1,585		
			Total All Positions		
1950.....	5,861	4,076	2,427	--	1,019
1960.....	6,576	4,284	2,446	--	1,372
1970.....	9,929	6,905	3,426	--	1,332
1975.....	7,646	5,845	3,354	2,468	2/
1976.....	8,008	6,125	3,282	2,276	--
1977.....	7,323	5,719	3,186	1,377	--
1978.....	8,576	7,115	4,145	2,330	--
1979.....	11,015	7,986	4,738	2,672	--
1980.....	10,425	7,678	4,286		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stocks - Corn: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1951.....	88	50	--	4	2
1961.....	111	50	--	8	2
1966.....	135	63	--	11	7
1970.....	1/	1/	--	1/	1/
1975.....	437	224	--	112	56
1976.....	542	284	168	4/	90
1977.....	608	311	135	--	54
1978.....	451	220	93	--	35
1979.....	648	245	115	--	72
1980.....	647	256	135	--	75
1981.....	600	330			
			Off Farms 2/		
1951.....	70	88	--	115	59
1961.....	426	390	--	552	99
1966.....	3/	3/	--	3/	113
1970.....	345	236	--	208	68
1975.....	380	315	--	174	137
1976.....	255	265	222	4/	150
1977.....	479	248	206	--	207
1978.....	287	289	215	--	79
1979.....	346	224	120	--	143
1980.....	657	513	373	--	191
1981.....	689	490			
			Total All Positions		
1951.....	158	138	--	119	61
1961.....	537	440	--	560	101
1966.....	3/	3/	--	3/	120
1970.....	345	236	--	208	68
1975.....	817	539	--	286	193
1976.....	797	549	390	4/	240
1977.....	1,087	559	341	--	261
1978.....	738	509	308	--	114
1979.....	994	469	235	--	215
1980.....	1,304	769	508	--	266
1981.....	1,289	820			

1/ Estimate discontinued. 2/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 3/ Not published to avoid disclosure of individual operations. 4/ Midyear estimate changed from July 1 to June 1 in 1976.

Grain Stocks - Sorghum: Off Farms and Total, by Quarters, Utah, Selected Years.

Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			Off Farms 1/		
1961.....	2/	2/	--	1,558	2/
1966.....	272	2/	--	87	154
1970.....	142	146	--	247	298
1975.....	30	71	--	139	181
1976.....	73	22	51	3/	69
1977.....	158	2/	2/	--	28
1978.....	100	155	87	--	92
1979.....	70	71	20		70
1980.....	27	93	70	--	67
1981.....	64	65			

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Not published to avoid disclosure of individual operations. 3/ Midyear estimate changed from July 1 to June 1 in 1976.

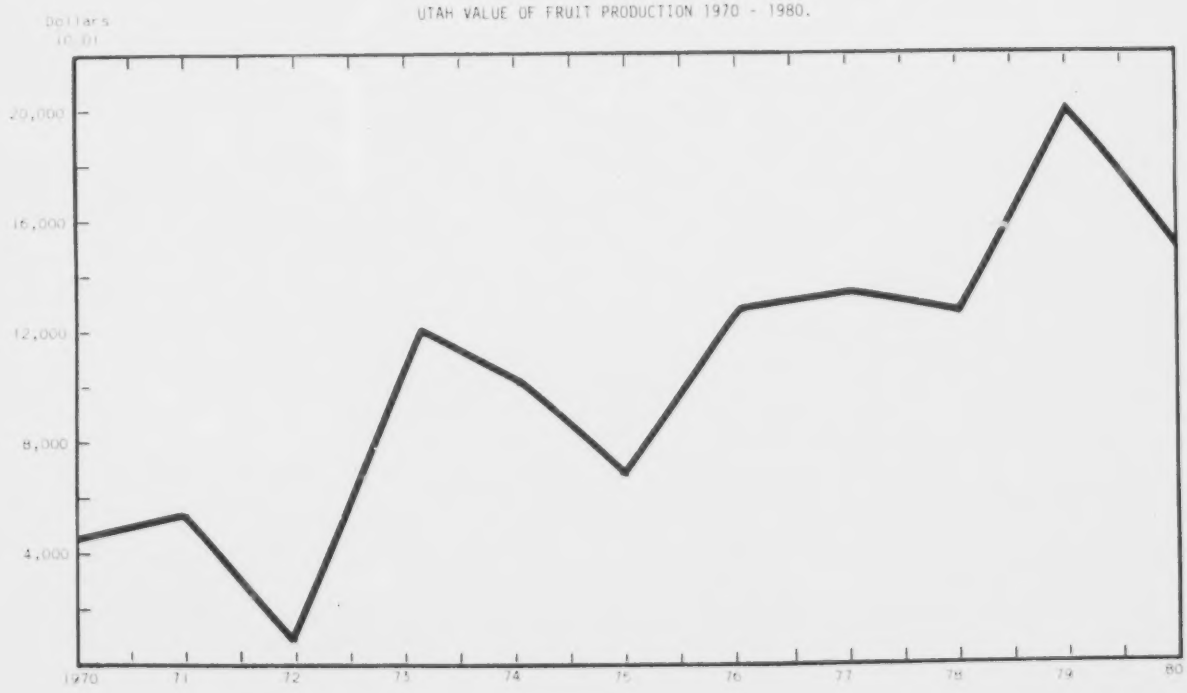
Wheat is important crop for consumers in Utah

Fruits

Both the tonnage and value of Utah's fruit crop dipped in 1980, mostly because of a disappointing price for tart cherries. Production was near a record high for apples, and average or above for other fruits. Prices were at a record high for apples, in spite of a large crop nationally. The value of apple production was also a new record. Peaches reached a new high price per pound, and pears set a new value of production record. Production of both sweet and tart cherries were about on average, but the prices of the two moved in opposite directions. Sweet cherries rose by a slight $2.00 per ton, but tarts fell to less than half the 1980 price.

With the exception of tart cherries, which are nearly all processed, most of the State's fruit crop is marketed through fresh market channels. In the last few years, essentially all the peaches, pears, and apricots were sold as fresh fruit. Looking at the 1973-77 average, about one-fourth of the apple crop has made its way into processed products such as juice, sauce, dessert fillings, etc. About the same percent (25) of the sweet cherry crop was processed as was the apple crop. Cherries are usually brined or frozen for use in desserts. Traditionally, much of the local sales have been through roadside stands, but recently a new innovation--pick-your-own operations--has begun to appear. The appeal of this way of marketing is that the consumer can have a good product at a lower price, and the producer can solve some of his labor problems.

UTAH VALUE OF FRUIT PRODUCTION 1970 - 1980.



Utah Fruit - Production and Value, 1966-1980.

Year	Apples	Peaches	Pears	Sweet Cherries	Tart Cherries	Apricots	Total
			Utilized Production - Tons				
1966.....	6,550	3,600	3,775	500	2,800	200	17,425
1967.....	10,450	6,500	4,130	3,200	7,100	1,425	32,805
1968.....	14,000	8,000	(6,300)	(7,700)	4,700	1,800	42,500
1969.....	21,000	7,500	5,500	3,300	6,200	(3,100)	46,600
1970.....	13,750	6,500	4,300	2,300	4,900	1,300	33,050
1971.....	12,500	6,500	4,200	4,600	6,700	2,500	37,000
1972.....	2,000	750	200	1/	650	0	3,600
1973.....	(26,350)	6,000	5,830	6,500	(8,500)	2,170	55,350
1974.....	18,500	8,000	3,200	5,000	5,800	550	41,050
1975.....	22,000	8,000	3,300	2,600	4,000	500	40,400
1976.....	20,000	(8,400)	3,900	5,400	(8,500)	1,750	47,950
1977.....	23,500	7,300	3,400	4,700	5,600	1,700	46,200
1978.....	17,500	5,500	1,700	2,400	5,650	500	33,250
1979.....	25,500	6,000	2,700	4,200	(8,500)	1,700	48,600
1980.....	26,000	5,500	3,000	4,100	6,450	1,500	46,550
Total of Record High Productions since 1966.....							(60,350)
			Value - $1,000				
1966.....	634	616	430	280	664	27	2,651
1967.....	1,120	772	496	1,194	2,237	180	5,999
1968.....	1,876	848	617	2,857	1,419	295	7,912
1969.....	1,701	834	506	1,076	995	397	5,509
1970.....	1,570	826	439	830	696	176	4,537
1971.....	1,785	845	385	1,118	1,072	350	5,535
1972.....	355	200	43	--	133	0	731
1973.....	3,531	1,512	624	2,035	2,839	315	10,856
1974.....	3,478	1,936	646	1,695	2,146	211	10,112
1975.....	2,772	2,144	485	1,079	760	193	7,433
1976.....	3,720	2,134	714	1,804	4,029	284	12,685
1977.....	4,982	1,840	816	2,167	3,203	423	13,431
1978.....	3,850	1,870	595	1,836	4,407	230	12,788
1979.....	6,528	2,040	756	2,516	7,412	816	20,068
1980.....	6,812	1,925	900	2,464	2,361	540	15,002

Note: Bracketed ( ) figures are record high production since 1966.
1/ The 1972 sweet cherry crop was nearly a complete failure due to spring freezes. A few sweet cherries were produced, but production was too small to warrant a quantitative estimate.

Commercial Apples 1/: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents Per Lb.	1,000 $
1925.....	54.6	--	54.6	--	--	2.7	1,469
1940.....	19.5	2.4	17.1	--	--	2.0	339
1950.....	11.8	--	11.8	--	--	6.2	733
1960.....	10.3	--	10.3	--	--	4.82	496
1970.....	28.0	.5	27.5	21.3	6.2	5.71	1,570
1972.....	4.0	--	4.0	4.0	0.0	8.88	355
1973 2/...	58.0	5.3	52.7	29.1	23.6	6.70	3,531
1974.....	37.0	--	37.0	34.0	3.0	9.40	3,478
1975.....	49.0	5.0	44.0	30.0	14.0	6.30	2,772
1976.....	40.0	--	40.0	34.0	6.0	9.30	3,720
1977.....	47.0	--	47.0	35.0	12.0	10.60	4,982
1978.....	35.0	--	35.0	28.0	7.0	11.00	3,850
1979.....	51.0	--	51.0	43.0	8.0	12.80	6,528
1980.....	52.0	--	52.0	3/	3/	13.10	6,812

1/ Estimates through 1933 were for all apples. Since 1934 estimates are for commercial production including orchards with more than 100 trees. 2/ Record high apple production. 3/ Available July 2, 1981.

Commercial Apples: Production by Varieties, Utah, Selected Years.

Variety	1977	1978		1979		1980	
	Million Pounds	Million Pounds	Percent of Total	Million Pounds	Percent of Total	Million Pounds	Percent of Total
Jonathan.....	7.5	5.0	14.3	6.0	11.8	5.7	11.0
Delicious....	27.3	19.0	54.3	30.0	58.8	33.3	64.0
Golden Delicious	4.6	.5	7.1	4.5	8.8	6.2	11.9
Rome Beauty..	6.6	7.0	20.0	8.0	15.7	5.7	11.0
Other.....	1.0	1.5	4.3	2.5	4.9	1.1	2.1
Total.....	47.0	35.0	100.0	51.0	100.0	52.0	100.0

Peaches: Production, Use, and Value, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents per Lb.	1,000 $
1922 1/.....	38.7	--	38.7	--	--	3.0	1,151
1940.....	31.0	--	31.0	--	--	1.9	590
1950.....	4.7	--	4.7	--	--	9.2	431
1960.....	8.6	--	8.6	--	--	6.82	587
1970.....	13.0	--	13.0	13.0	0	6.35	826
1972.....	1.5	--	1.5	1.5	0	13.3	200
1973.....	12.0	--	12.0	12.0	0	12.6	1,512
1974.....	16.0	--	16.0	16.0	0	12.1	1,936
1975.....	16.0	--	16.0	16.0	0	13.4	2,144
1976.....	17.0	0.2	16.8	16.8	0	12.7	2,134
1977.....	15.0	0.4	14.6	14.6	0	12.6	1,840
1978.....	11.0	--	11.0	11.0	0	17.0	1,870
1979.....	12.0	--	12.0	12.0	0	17.0	2,040
1980.....	11.0	--	11.0	11.0	0	17.5	1,925

1/ Record high peach production.

Pears: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	4,525	--	4,525	--	--	38.00	172
1950.....	875	--	875	--	--	144.00	126
1954 1/.....	8,750	--	8,750	--	--	86.00	752
1960.....	4,380	200	4,180	--	--	108.00	451
1970.....	4,300	--	4,300	--	--	102.00	439
1972.....	200	--	200	200	0	214.00	43
1973.....	5,830	--	5,830	2/	2/	107.00	624
1974.....	3,200	--	3,200	3,200	0	202.00	646
1975.....	4,000	700	3,300	3,300	0	147.00	485
1976.....	3,900	--	3,900	3,900	0	183.00	714
1977.....	3,500	100	3,400	3,400	0	240.00	816
1978.....	1,700	--	1,700	1,700	0	350.00	595
1979.....	2,700	--	2,700	2,700	0	280.00	756
1980.....	3,000	--	3,000	3,000	0	300.00	900

1/ Record high pear production. 2/ Some processed but not published in order to avoid disclosure of individual operations.

Sweet Cherries: Production, Use and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	3,100	--	3,100	--	--	80.00	248
1950.....	440	--	440	--	--	282.00	124
1960.....	1,200	--	1,200	--	--	407.00	488
1968 1/.....	7,700	--	7,700	--	--	371.00	2,857
1970.....	2,300	--	2,300	2,030	270	361.00	830
1972.....	2/	--	2/	--	--	--	--
1973.....	6,500	--	6,500	4,924	1,576	313.00	2,035
1974.....	5,000	--	5,000	3,500	1,500	339.00	1,695
1975.....	2,600	--	2,600	2,190	410	415.00	1,079
1976.....	5,400	--	5,400	3,720	1,680	334.00	1,804
1977.....	5,000	300	4,700	3,400	1,300	461.00	2,167
1978.....	2,400	--	2,400	1,200	1,200	765.00	1,836
1979.....	4,200	--	4,200	3/	3/	599.00	2,516
1980.....	4,100	--	4,100	3/	3/	601.00	2,464

1/ Record high sweet cherry production. 2/ The 1972 crop was nearly a complete failure due to spring freezes. A few sweet cherries were produced but production was too small to warrant a quantitative estimate. 3/ Data not published to avoid disclosure of individual operations.

Tart Cherries: Production, Use and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	2,300	--	2,300	--	--	44.00	101
1950.....	800	--	800	--	--	177.00	142
1960.....	2,800	--	2,800	--	--	139.00	389
1970.....	4,900	--	4,900	400	4,500	142.00	696
1972.....	650	--	650	100	550	204.00	133
1973 1/.....	8,500	--	8,500	--	--	334.00	2,839
1974.....	5,800	--	5,800	50	5,750	370.00	2,146
1975.....	4,000	--	4,000	2/	2/	190.00	760
1976 1/.....	8,500	--	8,500	2/	2/	474.00	4,029
1977.....	5,600	--	5,600	300	5,300	572.00	3,203
1978.....	5,650	--	5,650	50	5,600	780.00	4,407
1979 1/.....	8,500	--	8,500	200	8,300	872.00	7,412
1980.....	6,500	50	6,450	150	6,300	366.00	2,361

1/ Record high tart cherry production. 2/ Not published - mostly processed.

Apricots: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars Per Ton	1,000 $
1940.....	7,800	--	7,800	--	--	27.20	212
1950.....	400	--	400	--	--	180.00	72
1957 1/.....	11,000	1,000	10,000	--	--	62.10	621
1960.....	2,500	--	2,500	--	--	96.60	242
1970.....	1,300	--	1,300	1,300	0	135.00	176
1972 2/.....	0	--	0	--	--	--	0
1973.....	2,300	130	2,170	3/2,170	0	145.00	315
1974.....	550	--	550	550	0	384.00	211
1975.....	500	--	500	3/500	0	385.00	193
1976.....	1,900	150	1,750	3/1,750	0	162.00	284
1977.....	1,700	--	1,700	3/1,700	0	249.00	423
1978.....	500	--	500	3/500	0	460.00	230
1979.....	1,700	--	1,700	3/1,700	0	480.00	816
1980.....	1,500	--	1,500	3/1,500	0	360.00	540

1/ Record high apricot production. 2/ Completely frozen in the spring.
3/ Small quantities processed are included in "fresh" to avoid disclosure of individual operations.

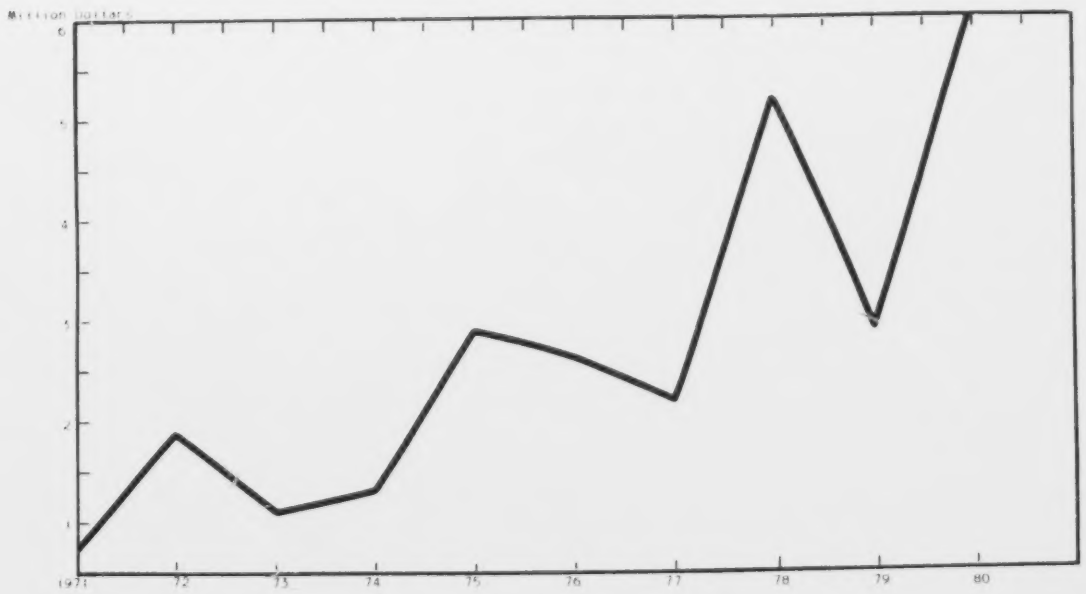
Apple harvest in Utah County.

Vegetables

Almost 75 percent of the income from the sale of vegetables in 1980 came from onions. Utah producers found themselves in the enviable position of record market prices and a fairly good crop on hand, when the rest of the country faced tight supplies. Production nationally was 10 percent below 1979 and January 1 stocks in common storage were 29 percent below the previous year--cold storage holdings were down 21 percent. U.S. prices ranged from $4.50 per hundred pounds in January of 1980, to $13.50 in December. For Utah growers, a yearly average price of $11.30 is by far the highest on record. The $9.09 of 1975 is the previous high point. Value of sales for this year's crop also eclipsed previous records. The $6.1 million income was more than double last year and beat the old record, set in 1978, by 16 percent.

Vegetables for processing dipped slightly in production and value in 1980, but acres harvested were up slightly. The 19,900 tons produced just about equaled the average of the past five years. Value, at $2.2 million, was a little above the average.

UTAH ONIONS, VALUE OF SALES, 1971-80.



Onions, Fresh Market: Acreage, Yield, Production, Value, and Stocks, Utah, Selected Years.

Year	Acreage		Yield per Acre	Production	Quantity not Sold 1/	Sales	Value of Sales		Stocks Following Jan. 1
	Planted	Harvested					Per Cwt.	Total	
				1,000	1,000	1,000		1,000	1,000
	Acres	Acres	Cwt.	Cwt.	Cwt.	Cwt.	Dollars	Dollars	Cwt.
1940...	--	1,100	200	220	38	182	.50	91	60
1944 2/	--	2,400	220	528	51	477	1.80	859	258
1950...	1,150	1,100	270	297	83	214	1.80	385	151
1960...	750	700	325	228	63	165	2.80	462	112
1970...	1,000	1,000	300	300	55	245	2.75	674	113
1971...	1,000	950	230	219	44	175	4.24	742	89
1972...	1,100	1,000	370	370	59	311	6.16	1,916	111
1973...	1,200	1,100	220	242	36	206	5.54	1,141	91
1974...	1,400	1,300	300	390	59	331	3.85	1,274	130
1975...	1,400	1,300	290	377	63	314	9.09	2,854	124
1976...	1,600	1,500	300	450	63	387	6.68	2,585	123
1977...	1,800	1,700	335	570	103	467	4.63	2,162	147
1978...	2,100	2,000	360	720	137	583	9.00	5,247	245
1979...	2,100	2,000	415	830	133	697	4.16	2,900	257
1980...	2,000	1,900	345	656	116	540	11.30	6,102	195

1/ Includes shrinkage, waste, and cullage. 2/ Record high acreage of onions.

Vegetables for Processing 1/: Acreage, Production, and Value, Utah, Selected Years.

Year	Acreage		Production	Value
	Planted	Harvested		Total
				1,000
	Acres	Acres	Tons	Dollars
1940.....	--	22,460	83,900	1,526
1942 2/.....	--	28,230	116,600	3,071
1950.....	--	24,870	103,000	3,139
1960.....	12,770	11,080	72,040	2,235
1970.....	9,000	8,300	45,900	1,981
1971.....	8,300	7,900	40,100	1,838
1972.....	6,100	5,900	36,650	1,698
1973.....	5,680	5,430	19,200	1,012
1974.....	6,240	5,840	20,400	2,168
1975.....	6,310	6,260	25,900	2,497
1976.....	5,560	5,260	23,400	2,066
1977.....	5,070	4,670	16,850	1,680
1978.....	4,950	4,750	17,350	1,601
1979.....	5,170	4,670	23,270	2,308
1980.....	4,900	4,890	19,900	2,245

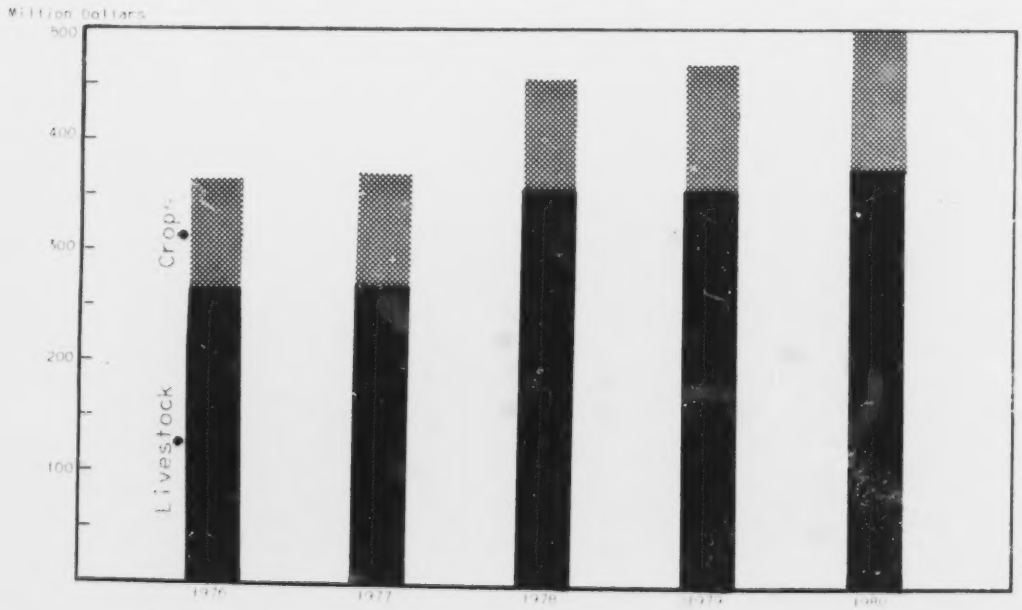
1/ Includes tomatoes, green peas, sweet corn, snap beans, green lima beans, table beets, cucumbers for pickles. 2/ Record high acreage harvested of vegetables for processing.

Cattle

The livestock industry has long been the mainstay of Utah's agriculture. The relative scarcity of crop land and the relative abundance of range land left little alternative to concentration on livestock production. Even, as far back as 40 years ago, when cash receipts from farming were less than one-tenth of today's levels, sales of livestock and livestock products accounted for more than 70 percent of the total. This relative portion of agricultural marketings has fluctuated a few points over the decades, but in the last few years has inched upward so that in 1980 it stood at 75 percent.

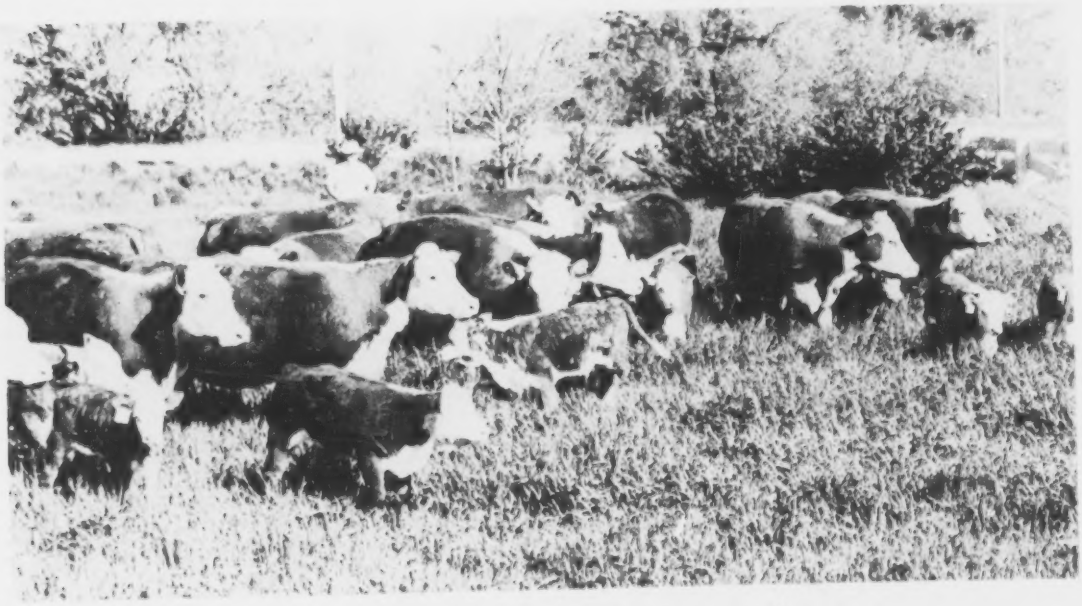
Prices for both cattle and calves dipped in 1980. In spite of an increase in the state's herd size, both cash receipts and gross income from the sale of cattle were below 1979. Marketings, during the year, were up 4 percent but because of lower prices--particularly for calves--gross income was off by 5 percent.

UTAH-CASH RECEIPTS FROM FARM MARKETINGS, 1976-80.



The outlook for 1981 is for rising cattle prices starting in the second quarter, but at the same time, costs of production will be on the rise. Profit margins will depend a lot on the economy and the kind of crop-year we have.

The chart pictures the trend in cash receipts over the past 5 years and shows the large contribution from livestock. The jump from 1977 to 1978 is mostly attributable to sharp price increases for milk and most classes of livestock.



Hereford cows and calves in lush pasture

Cattle being fattened in feedlot

All Cattle: Number of Cattle Farms, and Number and Value of Cattle on Farms, Utah, January 1, Selected Years.

Year	Farms		Cattle on Farms January 1			
	With Cattle	With Milk Cows	Number	Value Per Head	Value Total	On Feed For Market
			1,000 Head	Dollars	1,000 Dollars	1,000 Head
1940.....	--	--	432	38.20	16,502	--
1950.....	--	--	588	126.00	74,088	40
1960.....	--	--	719	136.00	97,784	61
1970.....	10,000	3,800	808	185.00	149,480	57
1972.....	9,700	2,800	832	210.00	174,720	55
1973.....	9,600	2,600	824	255.00	210,120	53
1974.....	10,100	2,800	832	305.00	253,760	58
1975.....	10,000	2,800	900	160.00	144,000	52
1976 1/...	10,000	2,700	927	200.00	185,400	60
1977.....	10,000	2,700	880	210.00	184,800	60
1978.....	10,000	2,600	864	230.00	198,720	62
1979.....	10,000	2,700	820	405.00	332,100	55
1980.....	10,000	2,700	840	505.00	424,200	60
1981.....	--	--	875	440.00	385,000	55

1/ Record high January 1 inventory.

Calf Crop: Utah, Selected Years.

Year	Cows and Heifers 2 Yrs. & Older January 1	Cows that Have Calved January 1	Calves Born	Calves Born as Percent of Cows and Heifers 2+ January 1 1/a/	Calves Born as Percent of Cows Calved January 1 1/b/
	1,000 Head	1,000 Head	1,000 Head	Percent	Percent
1940....	218	--	174	80	--
1950....	302	--	263	87	--
1960....	360	--	317	88	--
1970....	424	392	372	88	95
1972....	--	410	378	--	92
1973....	--	403	350	--	87
1974....	--	403	380	--	94
1975....	--	428	390	--	91
1976....	--	441	374	--	85
1977....	--	414	373	--	90
1978....	--	397	355	--	89
1979....	--	399	328	--	82
1980....	--	400	358	--	90

1/ Not strictly a calving rate. Figure represents calves born expressed as percentage of the number of a/ cows and heifers 2 years old and over on farms and ranches January 1, b/ cows that have calved on hand January 1.

Cattle: Inventory by Classes and Age, Utah, January 1, Selected Years.

Year	All Cattle and Calves	For Milk			Beef Cattle				
		Cows and Heifers 2 Yrs. +	Heifers 1-2 Yrs.	Heifer Calves	Cows 2 Yrs. +	Heifers 1-2 Yrs.	Calves	Steers 1 Yr. +	Bulls 1 Yr. +
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940...	432	103	25	32	115	34	77	37	9
1950...	588	108	25	32	194	62	101	54	12
1960...	719	108	31	35	252	65	154	65	9
1965...	755	89	24	28	301	72	172	57	12
1966...	755	85	24	28	310	58	182	55	13
1967...	747	83	24	26	310	65	171	55	13
1968...	762	81	23	26	319	68	174	58	13
1969...	777	82	24	26	325	66	183	57	14
1970 1/	808	82	25	28	342	69	188	59	15

1/ Beginning with January 1, 1971, the classification estimates for cattle were changed from sex and age to sex and weight--See Table below.

Cattle: Inventory by Classes and Weight, Utah, January 1, 1970-81.

Year	All Cattle and Calves	All Cows and Heifers that have Calved			Heifers 500 Pounds and Over				Steers 500 Lbs. & Over	Bulls 500 Lbs. & Over	Steers, Heifers & Bulls Under 500 Lbs.
		Total	Beef Cows	Milk Cows	Beef Cow Replacements	Milk Cow Replacements	Other	Total			
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1970...	808	392	316	76	52	44	26	122	75	17	202
1971...	832	411	331	80	55	45	25	125	72	17	207
1972...	832	410	331	79	53	43	26	122	73	17	210
1973...	824	403	328	75	50	41	25	116	76	17	212
1974...	832	403	328	75	58	38	26	122	83	17	207
1975...	900	428	349	79	65	37	36	138	81	18	235
1976...	927	441	362	79	65	37	35	137	82	19	248
1977...	880	414	335	79	53	39	44	136	77	18	235
1978...	864	397	321	76	44	41	40	125	79	18	245
1979...	820	399	321	78	43	37	33	113	79	18	211
1980...	840	400	325	75	54	42	33	129	80	18	213
1981...	875	424	347	77	61	42	29	132	77	20	222

Cattle and Calves: Inventory, Supply, and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Calf Crop	Inship-ments	Marketings 1/		Slaughter 2/	Deaths		Inventory End of Year
				Cattle	Calves	Cattle & Calves	Cattle	Calves	
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940...	432	174	25	101	45	11	8	12	454
1950...	588	263	41	139	98	12	16	15	612
1960...	719	317	54	234	111	11	14	22	698
1970...	808	372	50	213	140	4	17	24	832
1972...	832	378	42	239	137	4	15	33	824
1973...	824	350	47	223	102	4	20	40	832
1974...	832	380	45	194	105	5	18	35	900
1975...	900	390	60	262	111	4	16	30	927
1976...	927	374	50	299	121	6	15	30	880
1977...	880	373	50	266	106	7	15	45	864
1978...	864	355	50	269	126	4	20	35	810
1979...	820	328	50	199	104	7	16	32	840
1980...	840	358	50	205	106	5	16	41	875

1/ Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter at commercial establishments.

Cattle and Calves: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketings 2/	Average Price per 100 lbs.		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
			Cattle	Calves					
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940...	105,545	103,170	6.80	8.90	--	7,478	198	7,676	1,468
1950...	157,125	158,135	23.20	26.80	--	38,794	850	39,644	7,827
1960...	217,665	257,715	18.40	23.40	41,993	48,989	1,172	50,545	8,249
1970...	256,121	259,978	25.60	34.20	70,803	75,172	2,189	73,741	--
1972...	259,080	276,875	32.00	44.10	89,920	95,152	2,756	97,908	--
1973...	243,380	258,255	40.30	53.90	103,727	109,819	3,454	113,273	--
1974...	239,080	225,562	31.20	33.70	75,813	71,386	3,008	74,394	--
1975...	267,720	281,034	27.10	27.20	72,597	76,200	1,954	78,154	--
1976...	265,810	318,686	29.80	35.10	81,242	97,177	4,295	101,472	--
1977...	246,220	285,458	32.60	37.60	82,362	94,943	3,750	98,693	--
1978...	276,710	329,450	47.60	58.70	135,497	164,874	3,074	164,874	--
1979...	237,405	241,995	64.80	88.70	162,152	164,782	9,617	174,399	--
1980...	260,630	252,170	60.30	75.50	163,161	157,421	7,518	164,939	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipts from marketings of live cattle and sale of farm slaughter.

Commercial Cattle Slaughter: Number and Liveweight, Utah, Annual, Selected Years, and Monthly 1979-80.

Year	Cattle			Calves			Total	
	Number 1/	Weight Per Head	Total Live Weight	Number 1/	Weight Per Head	Total Live Weight	Number 1/	Total Live Weight
	1,000 Head	Pounds	1,000 Pounds	1,000 Head	Pounds	1,000 Pounds	1,000 Head	1,000 Pounds
1944 2/.....	102.9	--	--	42.5	--	--	--	--
1950.....	108.5	965	104,762	21.7	275	5,966	130.2	110,728
1960.....	212.2	994	210,924	12.7	316	4,008	224.9	214,932
1970.....	258.5	1,040	268,914	3.2	397	1,270	261.7	270,184
1972.....	265.5	1,106	293,530	2.0	419	838	267.5	294,368
1973.....	239.1	1,110	265,376	0.3	433	130	239.4	265,506
1974.....	267.8	1,092	292,470	1.0	412	412	268.8	292,882
1975.....	301.1	1,060	319,203	2.6	356	925	303.7	320,128
1976.....	280.6	1,077	302,332	2.2	350	771	282.8	303,103
1977.....	268.1	1,030	276,233	1.9	311	581	270.0	276,814
1978.....	217.0	1,057	229,469	0.7	331	236	173.4	188,761
1979.....	173.2	1,090	188,698	0.2	322	56	192.1	209,936
1980.....	191.9	1,093	209,880	.2	338	56	192.1	209,936
1979								
Jan.	18.2	1,101	19,994	3/	--	--	18.2	19,994
Feb.	14.7	1,075	15,801	3/	--	--	14.7	15,801
Mar.	14.6	1,060	15,441	3/	--	--	14.6	15,441
Apr.	12.0	1,107	13,284	3/	--	--	12.0	13,284
May	13.4	1,121	15,060	3/	--	--	13.4	15,060
June	15.0	1,096	16,412	3/	--	--	15.0	16,412
July	13.9	1,077	14,94	3/	--	--	13.9	14,940
Aug.	14.5	1,083	15,665	3/	--	--	14.5	15,665
Sep.	13.2	1,080	14,221	3/	--	--	13.2	14,221
Oct.	16.5	1,094	18,037	3/	--	--	16.5	18,037
Nov.	14.8	1,097	16,195	3/	--	--	14.8	16,195
Dec.	12.6	1,083	13,647	3/	--	--	12.6	13,647
1980								
Jan.	14.2	1,107	15,719	3/	--	--	14.2	15,719
Feb.	14.6	1,108	16,180	3/	--	--	14.6	16,180
Mar.	14.7	1,123	16,480	3/	--	--	14.7	16,480
Apr.	15.9	1,119	17,768	3/	--	--	15.9	17,768
May	16.9	1,106	18,714	3/	--	--	16.9	18,714
June	15.9	1,087	17,255	3/	--	--	15.9	17,255
July	16.5	1,080	17,826	3/	--	--	16.5	17,826
Aug.	16.7	1,069	17,864	3/	--	--	16.7	17,864
Sep.	17.5	1,093	19,111	3/	--	--	17.5	19,111
Oct.	17.4	1,068	18,554	3/	--	--	17.4	18,554
Nov.	15.8	1,084	17,186	3/	--	--	15.8	17,186
Dec.	15.9	1,086	17,224	3/	--	--	15.9	17,224

1/ Includes slaughter in Federally inspected plants and in other slaughter plants, but excludes animals slaughtered on farms. 2/ First year of record. 3/ Not printed to avoid disclosing individual operations.

Sheep & Wool

Both sheep and lamb prices dropped in 1980, but because of larger numbers, both value of production and cash receipts set new records. Prices, even though down, were second only to 1979. Marketings, for the year, rose by nearly 2 million pounds from the previous two years--more than enough to offset the loss from lower prices. Inventory numbers continued to make good gains in 1980, up 6 percent from the previous year, and up nearly 18 percent from the low point in 1978. Part of the explanation for the increase was a lower than average death loss among lambs, and a record 97 percent lamb crop. The sheep count, in the state, increased nearly 6 percent during 1980.

Part of the incentive behind the increase has been the rising price of wool. In 1980, Utah producers averaged 90 cents per pound for wool sold, the highest on record. The value of wool produced during the year was $5.3 million, the highest since 1973, and 6 percent above 1979.

Sheep move onto summer pasture

As a nation, we have not been a world leader in sheep production. We have less than one-tenth the number of sheep inventory of either the Soviet Union or Australia, and are even overshadowed by relatively small South Africa and the United Kingdom. To complicate matters, most of our sheep are thinly scattered over the ranges of the Western States. A number of factors combine to lessen our competitiveness in the world markets. Distance from markets, predator protection and preditor losses, high labor costs, etc. all combine to drive up the cost of producing sheep in this country. Sheepmen realize that, to keep in the race, they will have to improve efficiency and find ways to overcome their problems.

In other farm enterprises, an early step toward greater efficiency has been the concentration of production on fewer but larger operations. For a long time, this trend was not apparent in the sheep industry. Herd size was on the decline for several years. For example, the average size herd in 1970 was 350 head. In 1978, it had declined to 244 head. For the last two years the trend has reversed and herd size has been on the increase. In 1980, the average count per farm with sheep had risen back to 260 head.

Beautiful lambs are raised in Utah

Sheep: Number of Sheep Farms, and Number and Value of Sheep on Farms, Utah, January 1, Selected Years.

Year	Farms with Sheep	Sheep on Farms January 1						
		All Sheep			Stock Sheep			Sheep & Lambs on Feed
		Number	Value		Number	Farm Value		
			Per Head	Total		Per Head	Total	
		1,000 Head	Dollars	1,000 Dollars	1,000 Head	Dollars	1,000 Dollars	1,000 Head
1901 1/.	--	--	--	--	2,882	2.70	7,781	--
1931 2/.	--	2,935	--	18,784	2,775	6.50	18,048	160
1940....	--	2,248	--	15,895	2,095	7.20	15,038	153
1950....	--	1,329	--	27,028	1,269	20.40	25,888	60
1960....	--	1,336	--	24,461	1,249	18.40	22,982	87
1970....	3,000	1,053	--	33,998	978	32.50	31,785	75
1972....	3,000	976	26.50	25,864	891	--	--	85
1973....	2,800	905	32.50	29,413	820	--	--	85
1974....	2,600	772	39.50	30,494	722	--	--	50
1975....	2,500	697	38.50	26,835	660	--	--	37
1976....	2,400	590	42.50	25,075	568	--	--	22
1977....	2,300	580	51.00	29,580	560	--	--	20
1978....	2,300	561	62.00	34,726	540	--	--	21
1979....	2,300	594	84.50	50,129	570	--	--	24
1980....	2,400	625	100.50	62,813	595	--	--	30
1981....	--	660	86.00	56,760	620	--	--	40

1/ Record high January 1 Stock Sheep Inventory. 2/ Record high January 1 All Sheep Inventory.

Stock Sheep: Inventory by Classes, Utah, January 1, Selected Years.

Year	All Stock Sheep	Lambs		Sheep One Year and Over			
		Ewes	Wethers & Rams	Ewes	Rams	Wethers	Rams & Wethers
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940....	2,095	310	23	1,706	54	2	56
1950....	1,269	165	5	1,066	32	1	33
1960....	1,249	144	6	1,065	33	1	34
1970....	978	125	7	821	24	1	25
1972....	891	102	8	758	--	--	23
1973....	820	77	9	713	--	--	21
1974....	722	83	5	615	--	--	19
1975....	660	79	6	558	--	--	17
1976....	568	68	5	481	--	--	14
1977....	560	65	6	475	--	--	14
1978....	540	70	7	450	--	--	13
1979....	570	89	8	460	--	--	13
1980....	595	80	9	491	--	--	15
1981....	620	96	9	500	--	--	15

Sheep and Lambs: Inventory Numbers, Lamb Crop and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Lambs Saved	Inshipments	Marketing 1/		Farm Slaughter 2/	Deaths		Inventory End of Year
				Sheep	Lambs		Sheep	Lambs	
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1931 3/.	2,935	1,560	69	156	1,049	40	300	174	2,845
1940....	2,248	1,365	40	127	894	38	236	110	2,248
1950....	1,329	895	92	39	668	22	125	70	1,392
1960....	1,336	927	54	59	759	21	125	76	1,277
1970....	1,053	780	100	74	646	25	94	85	1,009
1972....	976	713	65	72	593	13	82	89	905
1973....	905	635	60	99	551	9	84	85	772
1974....	772	578	50	75	462	6	72	88	697
1975....	697	502	41	76	400	10	86	78	590
1976....	590	433	35	13	319	8	64	74	580
1977....	580	428	30	91	323	5	50	78	491
1978....	561	423	30	23	273	6	50	60	486
1979....	594	430	30	26	309	6	38	50	625
1980....	625	476	30	16	347	9	59	40	660

1/ Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments. 3/ Record high beginning of year inventory.

Sheep and Lambs: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketing 2/	Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
			Sheep	Lambs					
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	1,000 $	1,000 $	1,000 $	1,000 $	1,000 $
1931 4/	82,830	90,122	3.55	5.10	--	4,372	126	4,498	255
1940...	75,523	76,550	3.35	7.50	--	5,201	147	5,348	234
1950...	56,611	56,624	10.60	24.90	--	13,535	278	13,813	1,749
1960...	62,307	71,459	5.30	17.00	10,352	11,402	191	11,558	574
1970...	60,909	73,550	7.10	25.40	15,009	16,992	608	17,600	--
1972...	53,105	65,120	6.20	27.70	14,113	16,105	369	16,474	--
1973...	45,942	67,265	12.40	31.90	15,033	19,045	321	19,366	--
1974...	41,520	54,507	11.50	34.90	14,341	16,834	217	17,051	--
1975...	33,201	49,290	10.10	40.90	14,161	17,234	410	17,644	--
1976...	30,493	33,375	10.90	43.70	13,004	14,052	325	14,377	--
1977...	29,827	43,585	10.80	50.00	14,504	17,334	222	17,556	--
1978...	28,550	31,455	15.70	59.50	16,731	17,803	348	17,804	--
1979...	34,187	31,010	19.20	63.80	18,201	18,335	380	18,715	--
1980...	35,838	33,120	16.50	61.60	20,281	19,500	542	20,042	--

1/ Adjustments made for changes in inventory and for inshipments. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipt from marketings and sale of farm slaughter. 4/ Record high January 1 sheep inventory.

Lamb Crop: Utah, Selected Years.

Year	Breeding Ewes One Year and Older January 1	Lambs Saved 1/	
		Number	As Percent of Ewes One Year and Older
	1,000 Head	1,000 Head	Percent
1930 2/.....	2,170	1,736	80
1940.....	1,706	1,365	80
1950.....	1,066	895	84
1960.....	1,065	927	87
1970.....	821	780	95
1972.....	758	713	94
1973.....	713	635	89
1974.....	615	578	94
1975.....	558	502	90
1976.....	481	433	90
1977.....	475	428	90
1978.....	450	423	94
1979.....	460	430	93
1980.....	491	476	97

1/ Lambs saved defined as lambs living July 1, or lambs docked or branded.
2/ Record high lamb crop.

Wool Production and Value: Utah, Selected Years.

Year	All Sheep Shorn 1/	Weight per Fleece	Shorn Wool Production	Average Price per Pound 2/	Value 3/
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1931 4/...	2,692	9.0	24,228	13	3,150
1940.....	1,990	9.3	18,507	27	4,997
1950.....	1,180	9.4	11,092	58	6,433
1960.....	1,203	9.9	11,950	39	4,660
1970.....	985	9.8	9,637	32	3,084
1972.....	896	10.3	9,218	26	2,397
1973.....	774	10.0	7,760	78	6,053
1974.....	728	10.0	7,255	59	4,280
1975.....	591	10.4	6,140	44	2,702
1976.....	546	10.5	5,711	65	3,712
1977.....	550	10.5	5,802	64	3,713
1978.....	536	10.4	5,567	70	3,897
1979.....	563	10.2	5,717	88	5,031
1980.....	595	10.0	5,923	90	5,330

1/ Includes sheep shorn at commercial feeding yards. 2/ Monthly price weighted by monthly sales of wool. 3/ Production multiplied by annual average price. 4/ Record high January 1 inventory.

Sheep and Lamb Slaughter: Number and Liveweight, Utah, Annual, Selected Years, and Monthly 1979-80.

Year	Number 1/	Average Liveweight per Head	Total Liveweight
	1,000 Head	Pounds	1,000 Pounds
1944 2/.....	106.2	--	--
1950.....	155.0	101	15,682
1960.....	307.4	102	31,476
1970.....	847.0	106	89,400
1972.....	517.0	109	56,207
1973.....	359.8	111	40,093
1974.....	345.3	109	37,507
1975.....	142.5	106	15,104
1976.....	28.0	107	2,989
1977.....	24.1	112	2,692
1978.....	24.0	113	2,707
1979.....	22.9	113	2,593
1980.....	24.3	116	2,811
1979			
Jan.	1.9	110	206
Feb.	1.7	113	191
Mar.	1.5	112	169
Apr.	1.7	112	189
May	1.9	110	212
June	1.8	124	226
July	1.9	109	211
Aug.	2.3	107	244
Sep.	1.8	108	191
Oct.	2.5	124	309
Nov.	2.1	113	233
Dec.	1.9	113	212
1980			
Jan.	1.9	125	241
Feb.	1.8	124	224
Mar.	1.9	122	236
Apr.	2.2	121	266
May	1.9	114	223
June	1.9	104	201
July	1.9	105	197
Aug.	2.1	108	226
Sep.	1.9	113	219
Oct.	2.3	113	257
Nov.	2.1	123	257
Dec.	2.3	115	265

1/ Includes slaughter under Federal inspection and other commercial slaughter, excludes farm slaughter. 2/ First year on record.

Hogs

In 1980, pork supplies were plentiful and prices were the lowest since 1974. Cash receipts, in Utah, were up slightly for the year in spite of the low prices. While the nation's herd was reducing 4 percent, Utah producers increased inventories by 5 percent. The increase in production was more than enough to offset the lower prices, causing receipts to rise by 2.5 percent. Slaughter capacity, in the state, has steadily increased over the past two years, and is currently running at about 13,000 head per month.

The outlook, for 1981, is for reduced supplies of red meat and somewhat higher prices, at all levels. First quarter farrowings are expected to be down about 6 percent, and the pig crop off 7 percent. Production costs will continue upward and may very well cancel the effect of price gains.

Pig Crop: Sows Farrowing and Pigs Saved, Utah, Selected Years.

Year	Spring Pig Crop 1/			Fall Pig Crop 2/			Total Pig Crop Spring and Fall	
	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs Saved
	1,000 Head	Head	1,000 Head	1,000 Head	Head	1,000 Head	1,000 Head	1,000 Head
1940.....	16.0	6.0	96	10.0	6.8	68	26.0	164
1943 3/.....	28.0	6.4	179	23.0	6.6	152	51.0	331
1950.....	10.0	6.4	64	7.0	6.9	48	17.0	112
1960.....	5.8	6.7	39	6.2	7.3	45	12.0	84
1970.....	4.8	7.1	34	4.6	7.2	33	9.4	67
1971.....	5.0	7.2	36	5.2	7.3	38	10.2	74
1972.....	4.6	7.0	32	4.2	7.1	30	8.8	62
1973.....	4.6	7.7	35	4.8	6.9	33	9.4	68
1974.....	4.6	7.5	35	4.5	7.2	32	9.1	67
1975.....	4.7	6.7	31	5.0	7.3	37	9.7	68
1976.....	4.5	7.7	35	5.9	7.2	42	10.4	77
1977.....	6.0	7.7	46	4.5	6.9	31	10.5	77
1978.....	5.0	6.8	34	5.0	7.1	36	10.0	70
1979.....	4.0	6.7	27	6.5	6.8	44	10.5	71
1980.....	5.0	7.0	35	8.0	5.0	41	13.0	76

1/ Spring, December through May. 2/ Fall, June through November. 3/ Record high annual pig crop.

Hogs and Pigs: Number of Hog Farms, and Number and Value of Hogs on Farms, Utah, Selected Years.

Farms		Hogs			
Year	Number with Hogs	Date	Number	Value	
				Per Head	Total
			1,000 Head	Dollars	1,000 Dollars
--	--	Jan. 1, 1940	125	6.60	825
--	--	Jan. 1. 1944 1/	196	12.00	2,352
--	--	Jan. 1, 1950	88	22.20	1,954
--	--	Jan. 1, 1960	68	16.20	1,102
1965	2,600	Jan. 1, 1965	35	20.20	707
1969	1,900	Jan. 1, 1969	39	25.10	979
1969	1,900	Dec. 1, 1969	43	29.70	1,277
1970	2,000	Dec. 1, 1970	45	23.00	1,035
1971	2,100	Dec. 1, 1971	50	23.50	1,175
1972	1,900	Dec. 1, 1972	42	32.00	1,344
1973	2,000	Dec. 1, 1973	46	53.00	2,438
1974	2,200	Dec. 1, 1974	44	35.00	1,540
1975	2,000	Dec. 1, 1975	47	61.00	2,867
1976	1,900	Dec. 1, 1976	51	43.50	2,219
1977	1,900	Dec. 1, 1977	42	52.50	2,205
1978	1,900	Dec. 1, 1978	49	69.00	3,381
1979	1,900	Dec. 1, 1979	55	46.50	2,558
1980	2,200	Dec. 1, 1980	58	63.00	3,654

1/ Record high January 1 Hog and Pig Inventory.

Hogs: Inventory by Classes and Weight Groups, Utah, Dec. 1, 1966-80.

Year	Total	Breeding	Market	Market Hogs & Pigs by Weight Group			
				Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180 Lbs. and Over
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1966.....	40	7	33	12	8	7	6
1967.....	43	8	35	13	9	7	6
1968.....	43	7	36	15	9	7	5
1969.....	43	7	36	16	8	6	6
1970.....	45	8	37	16	9	6	6
1971.....	50	7	43	17	12	8	6
1972.....	42	6	36	14	10	7	5
1973.....	46	7	39	16	11	7	5
1974.....	44	7	37	14	11	7	5
1975.....	47	8	39	17	9	8	5
1976.....	51	8	43	19	11	7	6
1977.....	42	7	35	15	8	7	5
1978.....	49	8	41	17	10	8	6
1979.....	55	8	47	24	11	7	5
1980.....	58	7	51	15	16	14	6

Hogs and Pigs: Inventory, Supply, and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Annual Pig Crop	Inshipments	Marketings 1/	Farm Slaughter 2/	Deaths	Inventory End of Year
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940.....	125	164	3	139	32	16	105
1944 3/....	196	170	5	213	30	20	108
1950.....	88	112	1	83	19	15	84
1960.....	68	84	1	64	11	10	68
1970.....	43	67	2	58	3	6	45
1972.....	50	62	2	65	3	4	42
1973.....	42	68	2	59	3	4	46
1974.....	46	67	2	63	4	4	44
1975.....	44	68	2	60	3	4	47
1976.....	47	77	2	67	4	4	51
1977.....	51	77	2	80	3	5	42
1978.....	42	70	2	59	2	4	49
1979.....	49	71	2	57	1	9	55
1980.....	55	76	2	66	2	7	58

1/ Includes custom slaughter for use on farm where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments. 3/ Record high beginning of year inventory.

Hogs and Pigs: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketings 2/	Price per 100 Lbs.	Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
	1,000 Pounds	1,000 Pounds	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940.....	31,760	27,800	5.70	--	1,734	268	2,002	22
1944.....	43,655	46,995	12.80	--	6,345	592	6,937	72
1950.....	23,272	18,687	18.60	--	3,779	544	4,323	20
1960.....	16,611	13,676	15.70	2,608	2,577	331	2,541	14
1970.....	13,852	12,488	22.40	3,103	3,388	269	3,066	--
1972.....	15,093	14,898	22.90	3,456	3,547	275	3,687	--
1973.....	15,056	13,511	35.90	5,405	5,248	430	5,280	--
1974.....	14,790	12,803	33.20	4,910	4,182	718	4,969	--
1975.....	15,195	13,676	43.30	6,579	5,969	549	6,471	--
1976.....	17,359	14,169	42.90	7,447	6,655	1,270	7,349	--
1977.....	18,249	17,422	38.60	7,044	6,488	708	7,433	--
1978.....	14,791	12,980	45.30	6,700	6,343	464	6,344	--
1979.....	13,255	12,864	40.30	5,324	5,184	212	5,396	--
1980.....	16,838	14,480	36.70	6,158	5,314	488	5,802	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes interfarm sales and custom slaughter for use on farms where produced. 3/ Includes receipts from marketings and from sales of farm slaughtered meat.

Commercial Hog Slaughter: Number and Liveweight, Utah, Annual, Selected Years and Monthly 1979-80.

Year	Number 1/	Average Liveweight per Head	Total Liveweight
	1,000 Head	Pounds	1,000 Pounds
1944 2/.....	258.2	--	--
1950.....	246.7	228	56,259
1960.....	306.4	227	69,695
1970.....	117.4	229	26,837
1972.....	90.1	214	19,280
1973.....	66.9	215	14,371
1974.....	78.5	212	16,641
1975.....	69.9	212	14,836
1976.....	80.3	242	19,449
1977.....	159.0	233	37,098
1978.....	99.1	232	23,006
1979.....	122.2	237	28,937
1980.....	154.5	236	36,428
1979			
Jan.	9.8	232	2,280
Feb.	7.0	237	1,653
Mar.	9.6	237	2,277
Apr.	9.6	239	2,285
May	10.1	235	2,377
June	9.7	240	2,318
July	9.1	233	2,125
Aug.	11.5	238	2,738
Sep.	10.4	239	2,482
Oct.	12.4	242	2,987
Nov.	12.0	238	2,856
Dec.	11.0	233	2,557
1980			
Jan.	12.9	235	3,043
Feb.	11.8	236	2,787
Mar.	12.9	236	3,045
Apr.	14.3	236	3,376
May	14.0	236	3,313
June	12.5	232	2,900
July	11.9	236	2,811
Aug.	10.8	234	2,530
Sep.	12.9	238	3,077
Oct.	14.4	237	3,411
Nov.	12.2	235	2,870
Dec.	13.8	237	3,264

1/ Includes slaughter in Federally inspected plants and in other slaughter plants, but excludes animals slaughtered on farms. 2/ First year of record.

Dairy

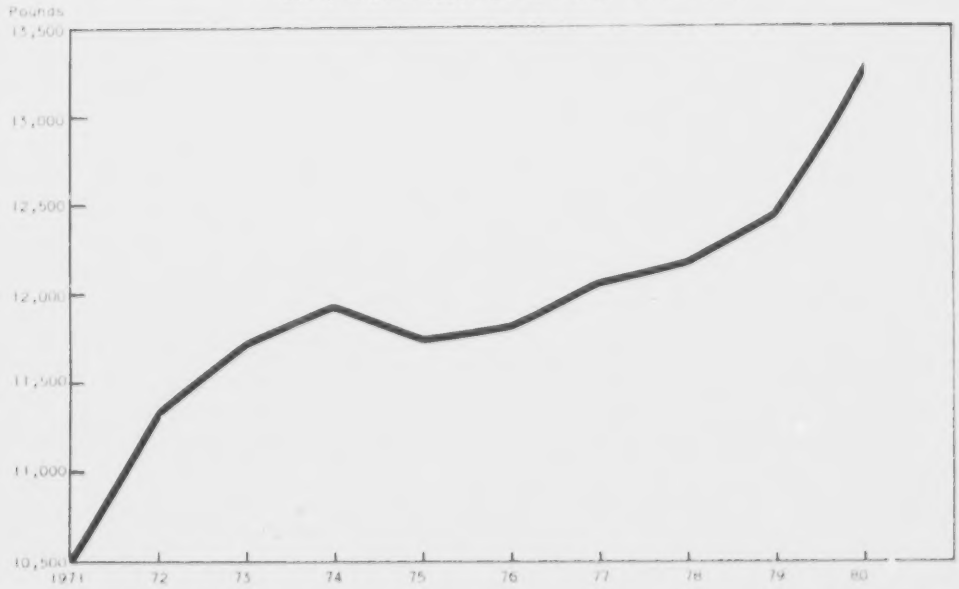
Record milk production was the story in Utah's dairies during 1980. Production increased 8 percent over 1979, and hit a total of 1.027 billion pounds--the first time ever over the 1 billion pound mark. This increase in production, and a 6 percent increase in price, resulted in a 15 percent jump in cash receipts for Utah's dairy farms.

In 1979, milk production accounted for 28 percent of the cash receipts from livestock and livestock products, and 21 percent of the total cash receipts. The milk-feed ratio, although still favorable to Utah farmers, tightened in 1980 as feed prices rose faster than the price of milk.

Dairy product output in Utah set records for ice cream and cheese. Ice cream topped 8 million gallons for the first time, totaling 8.2 million--4 percent more than 1979. Cheese production, other than Swiss cheese, set all time record marks, with a total of 50.3 million pounds being produced. Of this amount, 40.6 million pounds was cheddar cheese and 9.7 million pounds was other cheeses; such as, Colby, Monterey, Jack, Munster, Port du Salut, and Gruyere. Swiss production was about the same as 1979.

Milk cows in Utah are basically located in the northern portion, with Cache and Box Elder Counties having 37 percent of the total. The top four counties (Cache, Box Elder, Weber, and Utah) control 56 percent of the milk cows in the state.

UTAH, MILK PRODUCTION PER COW, 1971 - 1980

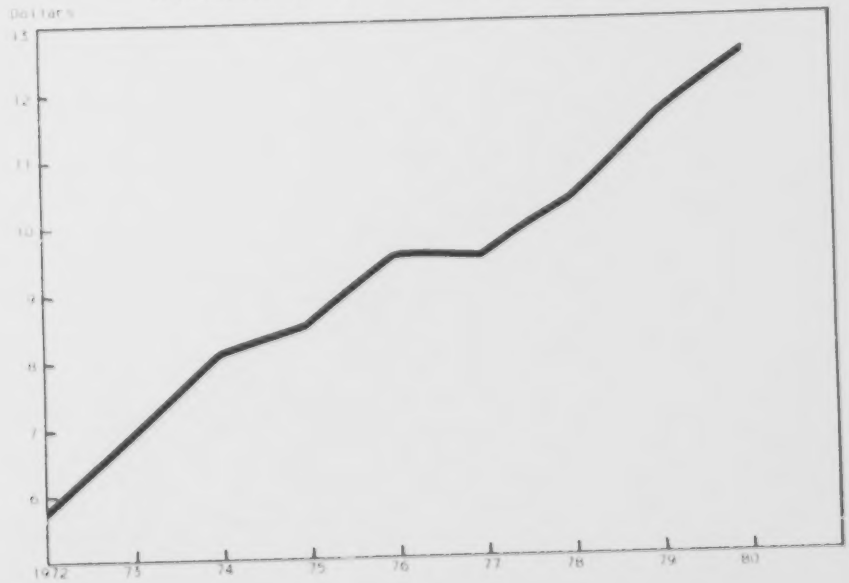


Milk Cows and Milk Production by Months, Utah, 1973-80.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Milk Cows (Thousand Head)													
1973.....	74	74	74	74	75	76	75	73	72	71	73	75	1/74
1974.....	74	75	76	77	78	79	80	81	81	80	80	79	1/78
1975.....	79	79	78	78	79	79	80	80	79	80	79	79	1/79
1976.....	78	78	78	78	78	78	79	79	79	79	79	79	1/79
1977.....	79	78	78	78	79	79	79	78	78	77	76	76	1/78
1978.....	76	76	76	76	76	77	78	78	78	78	78	78	1/77
1979.....	78	77	77	76	76	76	76	76	76	75	75	75	1/76
1980.....	75	75	75	76	77	77	78	78	78	78	77	77	1/77
Milk Per Cow (Pounds)													
1973.....	930	860	990	990	1060	1035	1060	1030	960	970	900	920	11703
1974.....	950	880	985	1000	1075	1045	1060	1000	985	960	910	935	11859
1975.....	950	875	975	980	1040	1060	1070	1000	940	960	875	900	11633
1976.....	950	900	975	990	1025	1060	1060	1025	960	960	925	935	11696
1977.....	975	920	1020	1015	1060	1040	1060	1050	960	975	950	975	12000
1978.....	985	925	1040	1040	1090	1075	1100	1065	1000	1000	925	950	12208
1979.....	950	895	1030	1040	1125	1105	1130	1100	1030	1050	980	1030	12474
1980.....	1080	1020	1130	1130	1210	1150	1205	1170	1085	1085	1025	1070	13338
Milk Produced (Million Pounds)													
1973.....	69	64	73	73	80	79	80	75	69	69	66	69	866
1974.....	70	66	75	77	84	83	85	81	80	77	73	74	925
1975.....	75	69	76	76	82	84	86	80	74	77	69	71	919
1976.....	74	70	76	77	80	83	84	81	76	76	73	74	924
1977.....	77	72	80	79	84	82	84	82	75	75	72	74	936
1978.....	75	70	79	79	83	83	86	83	78	78	72	74	940
1979.....	74	69	79	79	85	84	86	84	78	79	74	77	948
1980.....	81	77	85	86	93	89	94	91	85	85	79	82	1027

1/ Average per month.

UTAH, AVERAGE PRICE PER HUNDREDWEIGHT FOR MILK, 1972 - 1980



Milk Cows and Production: Milk and Milkfat on Farms, Utah, Selected Years.

Year	Farms with milk cows	Number of milk cows on farms	Production of Milk and Milkfat				
			Per milk cow		Percentage of fat in all milk produced	Total	
			Milk	Milkfat		Milk	Milkfat
	1,000	1,000	Pounds	Pounds	Percent	Million Pounds	Million Pounds
1940...		96	5,730	215	3.75	550	21
1950...		100	6,550	246	3.75	655	25
1960...		94	8,130	297	3.65	764	28
1970...	3.8	78	10,500	382	3.64	819	30
1972...	2.8	77	11,351	413	3.64	874	32
1973...	2.6	74	11,703	430	3.67	866	32
1974...	2.8	78	11,859	433	3.65	925	34
1975...	2.8	79	11,633	427	3.67	919	34
1976...	2.7	79	11,696	423	3.62	924	33
1977...	2.7	78	12,000	427	3.56	936	33
1978...	2.7	77	12,208	432	3.54	940	33
1979...	2.7	76	12,474	442	3.54	948	34
1980 1/	2.7	77	13,338	473	3.55	1,027	36

1/ Record high annual milk production.

Milk Used and Marketed by Farmers, Utah, Selected Years.

Year	Milk Used on Farms Where Produced				Milk Marketed by Farmers			
	Fed to Calves	Consumed as Fluid Milk and Cream	Used for Farm-Churned Butter	Total	Sold to Plants and Dealers		Sold Directly to Consumers	Total
					As Whole milk	As Farm separated cream		
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds
1940....	17	61	22	100	296	116	35	1/450
1950....	22	51	13	86	515	26	28	569
1960....	18	33	5	56	675	11	22	708
1970....	9	18	--	27	740	2	50	792
1972....	9	17	--	26	805	1	42	848
1973....	9	16	--	25	805	--	36	841
1974....	8	16	--	24	860	--	41	901
1975....	8	14	--	22	860	--	37	897
1976....	10	15	--	25	855	--	44	899
1977....	9	12	--	21	875	--	40	915
1978....	9	11	--	20	880	--	40	920
1979....	10	5	--	15	895	--	38	933
1980....	10	9	--	19	980	--	28	1,008

1/ Includes 3,000,000 for farm churned butter sold.

Milk and Cream Marketed by Farmers: Quality, Price and Cash Receipts, Utah, Selected Years.

Year	Milk Sold to Plants and Dealers				Cream Sold to Plants and Dealers			Milk Sold Directly to Consumers		
	Quantity	Percent Fluid Grade	Price per 100 Lb.	Cash Receipts	Quantity Milkfat	Price per Lb. Fat	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	Million Pounds	Percent	Dol.	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars	1,000 Quarts	Cents	1,000 Dollars
1940...	296	--	1.45	4,292	4,330	30	1,299	16,000	7.7	1,232
1950...	515	--	3.69	19,004	970	62	601	13,000	16.0	2,080
1960...	675	--	4.07	27,472	400	55	220	10,000	18.0	1,800
1970...	740	71	5.48	40,552	71	59	42	23,256	21.5	5,000
1972...	805	72	5.83	46,932	36	60	22	19,535	23.0	4,493
1973...	805	72	6.97	56,109	--	--	--	16,744	25.0	4,186
1974...	860	73	8.10	69,660	--	--	--	19,070	28.0	5,340
1975...	860	75	8.50	73,100	--	--	--	17,209	28.0	4,819
1976...	855	73	9.45	80,798	--	--	--	20,465	34.0	6,958
1977...	875	74	9.35	81,813	--	--	--	18,605	31.0	5,768
1978...	880	74	10.30	90,640	--	--	--	18,605	33.0	6,140
1979...	895	73	11.70	104,715	--	--	--	17,674	35.0	6,186
1980...	980	69	12.50	122,500	--	--	--	13,023	38.0	4,949

Farm Dairy Products: Marketings, Income, and Value, Utah, Selected Years.

Year	Combined Marketings of Milk and Cream				Used for Milk Cream and Butter on Farms where Produced		Gross Farm Income from Dairy Products	Farm Value of Milk Produced
	Milk Utilized	Average Returns		Cash Receipts from Marketings	Milk Utilized	Value		
		Per 100 Pounds Milk	Per Pound Milkfat					
	Million Pounds	Dollars	Dollars	1,000 Dollars	Million Pounds	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940....	450	1.53	.41	6,868	83	1,270	8,138	8,423
1950....	570	3.81	1.02	21,717	63	2,400	24,117	24,956
1960....	708	4.17	1.14	29,492	38	1,585	31,007	31,859
1970....	792	5.76	1.58	45,594	18	1,037	46,631	47,174
1972....	848	6.07	1.67	51,447	17	1,032	52,479	53,052
1973....	841	7.17	1.95	60,295	16	1,147	61,442	62,092
1974....	901	8.32	2.28	75,000	16	1,331	76,331	76,960
1975....	897	8.69	2.37	77,919	14	1,217	79,136	79,861
1976....	899	9.76	2.70	87,756	15	1,464	89,220	90,182
1977....	915	9.57	2.69	87,581	12	1,148	88,729	89,575
1978....	920	10.52	2.97	96,780	11	1,157	97,937	98,888
1979....	933	11.89	3.36	110,901	5	595	111,496	112,717
1980....	1,008	12.64	3.56	127,449	9	1,138	128,587	129,813

Butter and Cheese: Production, Utah, Selected Years.

Year	Butter	American Cheese			Swiss Cheese	Total Whole Milk Cheese
		Cheddar	Other	All		
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
1940.....	10,426			4,496	0	4,496
1950.....	5,834			6,901	5,163	12,064
1960.....	7,106	5,460	608	6,068	5,890	11,958
1970.....	8,411	18,279	3,911	22,190	10,776	32,966
1972.....	8,715	27,587	4,977	32,564	15,206	47,770
1973.....	7,586	32,066	4,526	36,592	16,660	53,252
1974.....	7,375	40,047	4,428	44,475	18,386	62,886
1975.....	7,307	32,355	5,783	38,138	19,654	57,824
1976.....	5,653	37,689	5,891	43,580	20,173	63,766
1977.....	5,507	35,863	7,277	43,140	19,189	62,330
1978.....	4,654	33,863	6,452	40,315	19,991	60,464
1979.....	4,889	33,666	7,660	41,326	21,244	62,828
1980.....	5,592	40,554	9,709	50,263	21,144	71,659

Cottage Cheese and Dry Whey: Production, Utah, Selected Years.

Year	Cottage Cheese		Dry Whey		
	Curd	Creamed	Human Food	Animal Feed	Total
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
1940.....	670	966			
1950.....	2,476	3,563			
1960.....	4,796	7,458			
1970.....	5,236	8,795	2/	2/	12,190
1972.....	6,293	10,126	2/	2/	19,971
1973.....	6,440	1/10,673	2/	2/	22,629
1974.....	6,020	1/9,829	2/	2/	26,679
1975.....	5,617	1/8,560	19,204	1,348	20,552
1976.....	6,158	1/9,723	16,467	2,308	18,775
1977.....	5,960	1/9,502	19,690	2,688	22,378
1978.....	5,281	1/8,583	24,403	1,334	25,737
1979.....	5,094	1/8,389	21,556	1,599	23,155
1980.....	5,427	1/8,980	20,309	520	20,829

1/ Includes any low fat production. 2/ Less than 3 plants.

Frozen Products: Production, Utah, Selected Years.

Year	Ice Cream 1/	Ice Milk			Sherbet 1/	Water Ices
		Hard	Soft	Total		
	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons
1940.....	1,235	--	--	201	60	--
1950.....	2,532	--	--	578	76	--
1960.....	3,849	563	771	1,334	350	181
1970.....	4,456	1,189	1,547	2,736	449	292
1972.....	5,610	1,371	1,769	3,140	476	274
1973.....	5,387	1,285	1,708	2,993	439	197
1974.....	5,812	1,313	1,813	3,126	421	190
1975.....	6,758	1,264	1,284	2,548	451	148
1976.....	6,708	1,203	1,659	2,862	454	246
1977.....	6,681	1,188	1,953	3,141	471	233
1978.....	7,322	1,025	1,905	2,930	514	190
1979.....	7,878	905	1,699	2,604	582	151
1980.....	8,198	804	2,078	2,882	593	127

1/ Essentially all hard frozen.

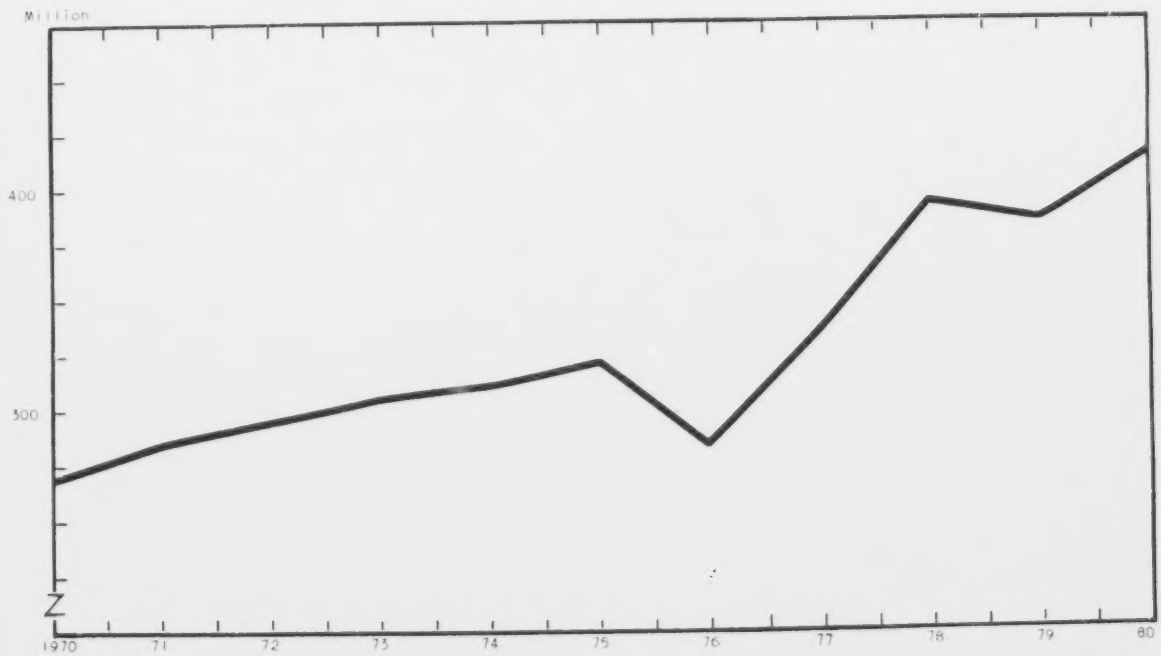
Dairying ranks high in Utah

Chickens & Eggs

Utah egg producers set two important records in 1980. Eggs sold, at 414 million, broke the old record of 396 million set in 1944. Cash receipts from the sales of eggs reached $16.9 million, 17 percent above the previous record set in 1978. Several factors were at work in establishing the new benchmarks. The number of layers in the state has been steadily increasing over the past several years, and now stands at 28 percent above 1975. Eggs per layer has gradually inched upward to a new high, 236 eggs per bird, in 1980. Finally, price per dozen eggs, at 49 cents, is only one cent below the record set in 1976.

In spite of what appears to be a bright picture, egg producers, nationally, operated at a loss for most of 1980. In 1981, egg production will probably be about the same as in 1980. Egg prices will likely be up some, but so will production costs.

Utah Egg Sales, 1970-1980.



Eggs: Layers Production, Disposition, and Income, Utah, Selected Years.

Year	Average Number Layers	Eggs Produced		Eggs Disposition		Income			
		Per Layer	Total	Home Consumption	Sold	Price per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
	Thousands		Millions	Millions	Millions	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940...	1,739	155	269	39	230	18.7	3,584	592	4,176
1944 1/	2,658	165	439	43	396	35.5	11,715	1,242	12,957
1950...	2,310	184	425	32	393	39.5	12,936	1,053	13,989
1960...	1,377	223	307	13	294	34.9	8,550	378	8,928
1970...	1,256	216	271	4	267	36.0	8,010	120	8,130
1972...	1,326	223	296	2	294	27.8	6,811	46	6,857
1973...	1,346	227	306	2	304	48.9	12,388	82	12,470
1974...	1,369	227	311	2.5	308.5	46.3	11,903	96	11,999
1975...	1,381	232	321	2	319	42.7	11,351	71	11,422
1976...	1,310	216	283	1.5	281.5	50.0	11,729	63	11,792
1977...	1,468	228	335	2	333	48.2	13,376	80	13,456
1978...	1,680	235	395	2	393	44.0	14,410	73	14,483
1979...	1,660	232	385	2	383	45.0	14,363	75	14,438
1980...	1,762	236	416	2	414	49.0	16,905	82	16,987

1/ Record high layers and eggs produced.

Large chicken flocks provide eggs for Utah consumers

Chicken Inventory 1/: Number and Value, Utah, Selected Years.

Date	Hens & Pullets of Laying Age	Pullets 3 Mo. & Over--Not Laying	Pullets Under 3 Months	Other Chickens	Total Chickens		
					Number	Value	
						Average	Total
	1,000	1,000	1,000	1,000	1,000	Dollars	1,000 Dollars
Jan. 1, 1940....	2,191	3/	4/	175	2,366	.63	1,491
Jan. 1, 1944 2/.	3,181	3/	4/	313	3,494	1.10	3,843
Jan. 1, 1950....	2,871	3/	4/	150	3,021	1.22	3,686
Jan. 1, 1960....	1,691	3/	4/	69	1,760	.94	1,654
Jan. 1, 1970....	1,320	190	219	10	1,739	1.20	2.087
Dec. 1, 1970....	1,182	218	327	10	1,737	1.10	1,911
Dec. 1, 1971....	1,312	194	255	11	1,772	1.10	1,949
Dec. 1, 1972....	1,292	136	272	2	1,702	1.30	2,213
Dec. 1, 1973....	1,380	255	233	3	1,871	1.45	2,713
Dec. 1, 1974....	1,339	212	241	4	1,796	1.55	2,784
Dec. 1, 1975....	1,284	239	207	4	1,734	1.85	3,208
Dec. 1, 1976....	1,387	223	210	1	1,821	1.75	3,187
Dec. 1, 1977....	1,669	136	284	5	2,094	1.80	3,769
Dec. 1, 1978....	1,700	108	335	7	2,150	2.05	4,408
Dec. 1, 1979....	1,682	208	106	4	2,000	2.20	4,400
Dec. 1, 1980....	1,871	91	134	4	2,100	1.65	3,465

1/ Excludes commercial broilers. 2/ Record high January 1 chicken inventory. 3/ Included with hens and pullets. 4/ Included in hens and pullets and in other chickens.

Chickens 1/: Inventory Numbers, Number Raised and Disposition, Utah, Selected Years.

Year 2/	All Chickens on Hand Beginning of Year	Lost	Raised	Home Consumption	Sold	All Chickens on Hand End of Year	Produced	
							Number	Weight
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Pounds
1940...	2,366	426	2,917	512	2,044	2,301	2,491	7,627
1950...	3,021	634	4,236	395	3,562	2,666	3,602	13,851
1960...	1,760	334	1,397	203	1,018	1,602	1,063	4,252
1970...	1,751	200	862	38	638	1,737	662	2,336
1972...	1,772	190	830	20	690	1,702	640	2,349
1973...	1,702	180	1,075	16	710	1,871	895	3,489
1974...	1,871	190	1,024	14	895	1,796	834	3,274
1975...	1,796	144	922	13	827	1,734	778	3,032
1976...	1,734	126	927	13	701	1,821	801	3,050
1977...	1,821	183	963	13	494	2,094	780	2,828
1978...	2,094	180	1,000	20	744	2,150	820	2,998
1979...	2,150	210	930	20	850	2,000	720	3,299
1980...	2,000	260	1,184	20	804	2,100	924	3,528

1/ Excludes commercial broilers. 2/ Jan. 1-Jan. 1 through 1969--Dec. 1-Dec. 1 starting 1970.

Chickens 1/: Disposition, Cash Receipts, and Gross Income, Utah, Selected Years.

Year	Sold	Home Consumption	Price per Pound	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	1,000 Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940....	6,132	1,690	11.0	839	675	186	861
1950....	13,892	395	20.7	2,867	2,867	278	3,154
1960....	4,174	710	8.2	349	342	58	400
1970....	2,552	152	4.0	93	102	6	108
1972....	2,691	80	5.6	132	151	4	155
1973....	2,769	64	12.0	419	332	8	340
1974....	3,491	56	6.0	196	209	3	212
1975....	3,143	51	4.0	121	126	2	128
1976....	2,664	51	7.0	214	186	4	190
1977....	1,877	51	7.5	212	141	4	145
1978....	2,827	78	6.6	198	187	5	192
1979....	3,230	78	8.0	264	258	6	264
1980....	3,055	78	8.0	282	244	6	250

1/ Excludes commercial broilers.

Chickens Including Broilers: Production and Income, Utah, Selected Years.

Year	Broilers				Total Chickens & Broilers		
	Number Produced	Pounds Produced	Price per Pound	Gross Income	Pounds Sold	Price per Pound	Value of Sales
	1,000	1,000	Cents	1,000 Dollars	1,000	Cents	1,000 Dollars
1940....	--	--	--	--	6,132	11.0	675
1950....	700	2,170	29.0	629	16,062	21.8	3,505
1960....	1,846	6,276	19.3	1,211	10,450	14.9	1,553
1970....	1,206	4,583	17.0	779	7,135	12.3	881
1972....	--	--	--	--	2,691	5.6	151
1973....	--	--	--	--	2,769	12.0	332
1974....	--	--	--	--	3,491	6.0	209
1975....	--	--	--	--	3,143	4.0	126
1976....	--	--	--	--	2,664	7.0	186
1977....	--	--	--	--	1,877	7.5	141
1978....	--	--	--	--	2,827	6.6	187
1979....	--	--	--	--	3,230	8.0	258
1980....	--	--	--	--	3,055	8.0	244

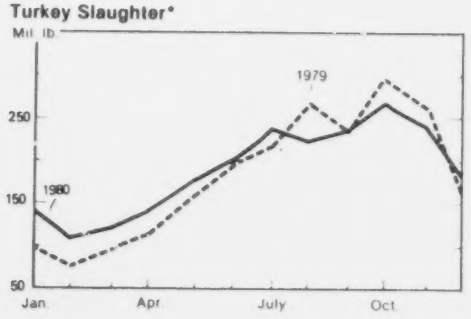
Turkeys

In spite of earlier predictions, to the contrary, turkey prices held up in 1980; and in fact, set a new record for the state of 50 cents per pound. Economists attribute the relatively strong market to an increase in per capita consumption and strong export demand.

Turkey production in Utah for 1980 was off in two areas. There was a fairly sharp drop in the number of birds produced, and secondly, the average weight was down almost 6 percent. Total pounds of production dipped 22 percent from the 1979 output.

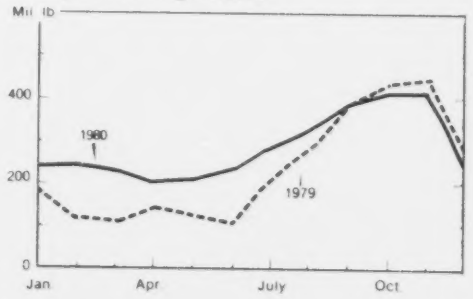
Nationally, prices in 1980 were well below 1979 for the first half of the year, rose above in the third quarter, and then fell below again in the last quarter. For the past several years, turkey production has been profitable, but did drop below the break-even level for one period in 1980. For 1981, production will probably be up 3 to 4 percent. Prices should rise, as beef and pork supplies tighten.

Turkey Slaughter*



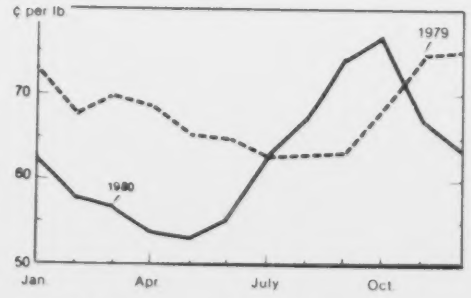
*Certified ready-to-cook, under Federal inspection

Turkey Cold Storage Stocks*



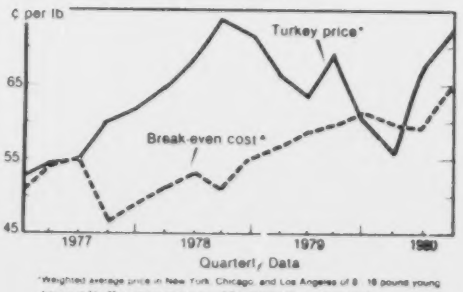
*First of month

Turkey Prices*



*Young hens 8 - 16 pounds, New York

Turkeys
Break-Even Cost and Market Price



*Weighted average price in New York, Chicago, and Los Angeles of 8 - 16 pound young hens and 24 - 26 pound young toms. **Estimated U.S. break-even cost

Turkeys: Production and Gross Income, Utah, Selected Years.

Year	Raised			Average Weight	Produced	Per Pound	Gross Income 1/
	Heavy	Light	Total				
	1,000 Head	1,000 Head	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1940.....	--	--	854	16.0	13,656	17.4	2,376
1950.....	--	--	1,673	21.5	35,914	27.8	9,984
1960.....	2,706	95	2,801	20.2	56,515	24.3	13,733
1970.....	3,946	0	3,946	21.6	85,234	22.1	18,837
1972.....	3,905	0	3,905	22.8	89,034	21.5	19,142
1973 2/....	4,061	0	4,061	22.5	91,373	43.0	39,290
1974.....	3,438	33	3,471	22.2	77,056	29.0	22,346
1975.....	3,369	77	3,446	21.8	75,123	37.0	27,796
1976.....	3,417	23	3,440	22.1	76,024	33.0	25,088
1977.....	2,664	0	2,664	23.2	61,805	37.1	22,930
1978.....	2,794	0	2,794	22.9	63,983	49.0	31,352
1979.....	2,921	0	2,921	23.5	68,644	47.0	32,263
1980.....	2,409	0	2,409	22.2	53,480	50.0	26,740

1/ Includes home consumption, less than 1% of production. 2/ Record high turkeys raised.

Turkey products provided excellent fare

Mink

For the fifth consecutive year mink production in the State has increased. The 466,000 pelts produced in 1980 compares with 413,000 a year earlier, and is the highest since the annual survey began in 1969. The number of ranches producing mink in the state remained steady in 1980. A further increase in pelt production is indicated by the 2 percent increase in the number of females bred to produce kits in the spring of 1981.

The U.S. average price in 1979 was $41.30--up 5 percent from 1978. At this price, Utah pelts were worth $17.1 million, or 3.7 percent of all farm cash receipts.

Utah ranks third Nationally in mink production--exceeded only by Wisconsin and Minnesota. Several color classes are produced in the State with "Standard" the most important followed by "Pastel". These two classes account for about two-thirds of the State's total. Demi-Buff, Pearl, Violet Type, and Sapphire account for most of the balance with a few Pale Brown, Gunmetal, Platinum, Lavender-Hope, Pink, and White also produced.

Mink production in Utah is primarily in the north central counties of the State--from Cache on the north to Utah County on the south. The heaviest concentrations are in Salt Lake, Morgan and Summit Counties. A few producers are scattered out of the main area--in the Uinta Basin and in central Utah.

Mink: Pelts Produced 1969-80 and Females Bred 1970-81, Utah and U.S.

Year	UTAH			UNITED STATES		
	Ranches Producing Pelts	Pelts Produced	Females Bred	Ranches Producing Pelts	Pelts Produced	Females Bred
		1,000	1,000		1,000	1,000
1969.....	343	439	--	2,794	5,688	--
1970.....	308	396	134	2,227	4,532	1,416
1971.....	261	340	108	1,615	3,380	1,011
1972.....	225	285	94.5	1,380	2,965	858
1973.....	218	283	100	1,329	3,037	902
1974.....	198	315	103	1,221	3,128	905
1975.....	186	308	99	1,081	3,067	870
1976.....	168	323	97.7	1,015	3,026	837
1977.....	185	359	113	1,040	3,076	887
1978.....	187	411	129	1,083	3,347	925
1979.....	191	413	141	1,097	3,394	963
1980.....	190	466	149	--	--	1,035
1981.....	--	--	152	--	--	--

Honey

Honey production dropped sharply, in 1980, as yield per colony fell from 48 pounds to 33 pounds. Output dipped 31 percent as a cool, wet spring changed quickly into a hot, dry summer. National production was hurt by the heat and drought across the Midwest. Prices rose in response to tight supplies of both honey and sugar. Utah honey brought about the same as a year earlier, but the U.S. price was up 4 percent from last year. The outlook for 1981 depends, as usual, on the weather during the summer months.

Colony numbers, for the past several years, have remained fairly stable. The range, since 1971, has been between 43,000 and 48,000. In the longer run, colonies are well short of the 78,000 in 1936, and honey production is less than one-half the record high. In addition to the long term decline, there has been a trend away from hobby beekeepers with a few colonies, to more concentration in the hands of a few relatively large producers.

Honey & Beeswax. Number of Colonies, Production, Average Price and Value, Utah, Selected Years.

Year	Colonies of Bees	Honey				Beeswax		
		Production		Value		Production	Value	
		Per Colony	Total	Per Pound	Total		Per Pound	Total
	1,000 Colonies	Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars
1936 1/	78	60	4,680	--	--	49	.36	18
1940...	53	45	2,385	3.6	86	47	.44	21
1950...	49	51	2,499	11.0	275	35	.42	15
1960...	52	34	1,768	15.6	276	79	.42	33
1970...	50	36	1,800	18.1	326	32	.53	17
1972...	47	37	1,739	33.0	574	31	.59	18
1973...	43	27	1,161	49.1	570	17	.65	11
1974...	45	36	1,620	57.5	932	29	1.11	32
1975...	46	42	1,932	57.2	1,105	44	.88	39
1976...	47	29	1,363	50.2	684	20	.97	19
1977...	48	50	2,400	53.2	1,277	38	1.61	61
1978...	47	30	1,410	57.0	804	25	1.72	43
1979...	46	48	2,208	58.5	1,292	38	1.77	67
1980...	46	33	1,518	58.1	882	38	1.73	66

1/ Record high number of colonies of bees.

Farm Labor

One long established trend reversed slightly in 1980, as the number of farm workers increased slightly from the year before. At 22,000, farm workers were up by 1,700 from the average employment in 1979. In spite of the slight increase, numbers are still small when compared to a decade ago. Utah has followed the national trend away from labor intensive crops. Vegetable acreage has declined sharply and sugar beet acreage has all but disappeared in the State. Fruits have held their own, but ways are being found to reduce labor in that industry. Innovations, such as drip irrigation systems and shaker harvesting of tart cherries, have helped bring down labor needs. Haying, which once required a sizable crew, is now largely a one-man operation. Even livestock handling has, with the addition of good pens, squeeze chutes, and tilt tables, become less of a labor user. Dairy operations, historically heavy labor users, are becoming larger and more efficient.

Wage rates increased in 1980 at about the national inflation rate, rising from $3.32 per hour to $3.92. The state's wage rates are a few cents per hour above the national average, and above the average of surrounding states. Average wage rates are influenced by the types of agriculture practiced in a state, as well as, the general economy of the state. Naturally, some types of farm labor require special skills and command a higher price than would a field worker or a herder. In California, for example, where farm operators compete with industry for workers and where a diverse agriculture requires many special skills, wages are generally high.

Bulk hay handling has reduced labor requirements

Farm Labor and Wage Rates, Utah by Quarters 1980, and Annual Averages 1979 and 1980.

	Annual Avg. 1979	Jan. 6-12 1980	Apr. 6-12 1980	Jul. 6-12 1980	Oct. 12-18 1980	Jan. 11-17 1981	Annual Avg. 1980
Workers on Farms (000)							
Total	20.3	18.0	19.0	28.0	23.0	11.0	22.0
Family 1/	15.0	14.0	15.0	20.0	15.0	8.0	16.0
Hired 2/	5.3	4.0	4.0	8.0	8.0	3.0	6.0
Hours Worked per Worker							
Farm Operator 1/	--	26.5	40.8	44.9	37.6	32.2	--
Other Unpaid Family Members 1/	--	38.4	33.0	40.6	43.0	30.7	--
All Family 1/	--	27.5	38.4	43.4	39.2	31.9	--
Hired Workers 2/	--	34.9	28.2	42.9	43.6	39.4	--
Farm Wage Rates - Dollars per Hour							
By Piece Rate	--	3/	3/	3/	3/	3/	--
By Other than Piece Rate	--	3.75	4.03	3.89	3.94	3.88	--
By Hour Only	--	3.56	4.00	3.75	4.04	3.99	--
By Cash Wages Only	--	4.00	4.10	4.26	4.11	3.97	--
By Hour Receiving Cash Wages Only	3.62	3.68	3.88	4.00	4.09	3.77	4.03
All	3.32	3.76	4.13	3.88	3.94	3.90	3.92
Wage Rates by Type of Work							
Field and Livestock Workers	3.19	--	--	--	--	--	3.88
Field Workers	3.45	4.23	4.50	4.04	4.08	4.09	4.11
Livestock Workers	2.90	3.50	3.50	3.57	3.45	3.61	3.50

1/ Includes operators working one or more hours plus unpaid family members working 15 or more hours during the calendar week. 2/ All persons working one hour or more for cash wages during the survey week. 3/ Insufficient data for this category.

Agricultural Prices

The raw price data collected by Crop Reporting Board enumerators are the basis for the series of average prices and the price indexes that play a key role in farm programs. In addition to providing a basis for determining deficiency payments, the estimates of prices received for various farm products are used to calculate an index of prices received by farmers, which provides a single indicator of the overall direction and pace of farm product prices.

The "bookkeeping lag"--the fact that data are not immediately available--makes it necessary to figure two series of prices received. A preliminary mid-month price is estimated for the current month. Since sales quantity information is not available, prices are weighted on historic sales information. At the same time, the total quantity purchased and total dollars received by growers during the previous month are obtained and used to revise the mid-month data of the previous month.

Prices for most commodities relate to the mid-month level for sales about the 13th to the 17th, when the data are collected. However, prices for a few commodities, such as milk and wool, relate to all sales during the month; and beginning in 1977, barley prices represent an average for sales during the entire month.

Monthly prices have been discontinued for several agricultural products produced in Utah, because the state accounts for a very small portion in comparison with the U.S. total. Only a season average price is now estimated for wheat, corn, oats, dry beans, potatoes, alfalfa seed, hogs, chickens, and eggs.

Alfalfa hay is the most important crop grown in Utah

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
BARLEY (Dollars per Bushel) 1/												
1950	1.09	1.07	1.13	1.08	1.08	1.11	1.18	1.12	1.14	1.11	1.11	1.18
1960	1.02	1.00	1.00	1.00	1.00	1.02	.98	.98	.98	1.00	1.00	1.01
1970	1.10	1.10	1.09	1.04	1.03	1.05	1.01	.98	.99	1.04	1.07	1.12
1973	1.50	1.60	1.62	1.58	1.62	1.71	1.76	2.17	2.27	2.34	2.24	2.30
1974	2.48	2.50	2.65	2.49	2.34	2.42	2.46	2.72	2.89	3.04	3.13	3.24
1975	3.04	2.74	2.50	2.59	2.70	2.56	2.60	2.58	2.61	2.56	2.48	2.40
1976	2.40	2.40	2.48	2.43	2.43	2.50	2.50	2.33	2.24	2.24	2.08	2.10
1977	2.11	2.19	2.20	2.24	2.25	2.12	1.90	1.69	1.69	1.68	1.82	1.95
1978	1.99	2.06	2.07	2.09	2.28	2.08	2.17	1.96	1.97	2.04	2.02	2.06
1979	2.06	2.08	2.05	2.10	2.03	2.14	2.19	2.16	2.30	2.36	2.49	2.53
1980	2.49	2.51	2.64	2.58	2.50	2.46	2.53	2.56	2.67	2.89	2.93	2.92
ALFALFA HAY, BALED (Dollars per Ton) 2/												
1950	21.60	20.00	18.30	18.30	18.80	20.00	22.00	22.50	22.50	22.90	22.90	24.00
1960	27.00	27.50	26.50	26.50	26.70	26.70	26.40	26.40	27.00	27.00	28.00	28.50
1970	25.50	26.00	26.00	25.50	25.50	25.50	24.00	24.00	24.50	24.50	25.50	25.50
1973	39.00	41.50	42.50	42.00	41.00	36.50	36.00	37.50	38.50	39.50	41.50	43.50
1974	45.00	45.00	46.00	46.50	46.00	45.00	45.50	46.50	47.50	48.00	49.00	49.50
1975	48.50	48.50	48.00	48.50	55.50	60.00	52.00	50.50	51.00	51.50	51.00	51.50
1976	52.00	53.00	54.50	55.00	56.50	53.50	53.00	53.00	54.50	53.50	54.00	56.00
1977	56.00	57.00	59.50	61.00	65.50	66.50	63.50	61.00	56.50	54.50	56.00	55.50
1978	56.00	54.50	54.00	50.50	50.50	49.00	47.50	46.50	45.00	46.00	46.50	48.00
1979	50.00	50.50	52.00	52.00	52.50	53.00	52.50	51.50	51.50	53.50	60.00	69.00
1980	65.00	73.00	71.00	69.00	60.50	71.50	73.50	69.50	70.00	75.00	74.00	76.00
ALL HAY, BALED (Dollars per Ton) 2/												
1950	21.10	19.20	17.50	17.50	18.30	19.00	21.00	21.50	21.50	22.50	22.50	23.50
1960	26.20	26.80	25.70	25.70	25.70	26.00	25.50	25.60	26.40	26.50	27.40	27.80
1970	25.00	25.50	25.50	25.00	25.00	25.00	23.50	23.40	23.80	23.90	24.90	24.90
1973	38.00	40.50	41.50	41.00	40.00	36.50	35.00	36.50	37.50	39.00	41.00	42.50
1974	45.00	44.50	45.00	46.00	45.50	44.50	45.00	46.00	46.50	47.50	48.50	48.50
1975	47.50	48.00	47.00	48.00	55.00	59.50	51.50	50.00	50.50	51.00	50.00	50.50
1976	51.00	52.50	54.00	54.00	55.50	52.50	52.00	52.00	53.50	52.50	53.00	55.00
1977	55.00	56.00	58.50	60.00	64.00	65.00	62.50	60.00	55.50	53.50	55.00	54.50
1978	55.00	54.00	53.00	50.00	50.00	48.50	46.50	45.50	44.00	45.00	45.50	46.50
1979	49.00	49.50	51.00	51.00	51.50	52.00	51.00	50.50	51.00	52.50	64.00	67.00
1980	63.50	62.00	63.00	65.00	60.00	69.50	71.50	67.50	67.00	73.00	72.00	72.00

1/ Average price relates to mid-month average through 1976. Starting in 1977, it represents an average for the entire month. 2/ Mid-month average price.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
COWS (Dollars per Cwt.) 1/												
1950	Not Available											
1960	14.00	14.70	16.00	15.70	16.00	14.60	13.10	13.30	13.50	13.10	12.90	13.70
1970	20.00	21.50	22.50	21.80	21.30	20.90	20.70	20.10	19.90	18.40	17.70	18.10
1973	25.30	27.00	31.00	32.40	32.50	32.70	32.00	40.00	34.20	32.00	28.00	28.00
1974	31.40	32.60	31.50	30.20	27.90	23.00	21.70	23.20	20.60	18.50	16.30	16.50
1975	16.50	19.00	19.10	20.40	20.90	22.30	21.10	19.40	20.70	20.10	18.80	20.20
1976	21.40	24.80	27.20	28.70	28.80	27.40	26.20	25.80	23.60	22.90	20.00	19.70
1977	20.60	22.90	23.70	25.90	24.80	26.00	25.60	26.00	26.30	26.20	24.80	25.90
1978	27.80	31.00	32.60	34.90	37.60	34.80	37.10	34.90	37.30	38.40	37.80	39.80
1979	46.20	49.70	52.90	53.90	52.10	46.60	45.50	44.40	46.80	44.90	44.10	45.00
1980	44.10	46.10	44.90	43.60	40.00	41.60	42.10	43.80	44.80	45.30	42.20	40.90
STEERS & HEIFERS (Dollars per Cwt.) 1/												
1950	Not Available											
1960	20.50	21.10	22.30	22.40	22.70	21.30	20.60	19.70	19.70	18.80	18.80	20.30
1970	27.50	28.70	31.50	28.80	29.00	29.00	28.50	26.80	26.90	26.70	26.90	25.80
1973	39.50	43.00	46.00	44.00	44.60	44.20	44.30	52.70	47.60	47.50	41.50	37.90
1974	45.90	46.00	41.10	40.50	38.10	34.00	35.40	35.00	30.50	28.70	26.90	27.20
1975	25.40	25.30	26.40	30.80	34.00	35.00	35.20	31.50	31.40	31.00	30.30	31.90
1976	32.80	34.40	34.40	39.00	38.70	37.40	34.20	32.50	33.50	31.60	32.70	33.00
1977	32.60	33.00	34.00	35.60	36.50	36.60	38.00	36.90	37.10	38.50	37.80	38.70
1978	40.00	43.10	47.20	49.00	53.60	52.80	51.70	52.10	55.70	56.40	55.50	59.60
1979	64.30	68.20	76.40	79.40	75.90	68.50	66.80	61.10	70.30	68.00	69.20	68.60
1980	70.10	70.60	68.10	62.60	61.70	63.00	65.20	65.30	64.70	64.90	63.70	62.70
BEEF CATTLE (Dollars per Cwt.) 1/												
1950	20.00	20.00	20.50	21.50	23.00	23.00	23.50	24.00	24.00	24.30	25.30	26.20
1960	18.10	18.90	20.40	20.30	20.50	18.70	17.50	17.20	17.50	17.20	16.90	18.00
1970	25.20	26.30	28.70	26.70	26.70	26.70	25.90	24.60	24.70	24.40	24.60	23.70
1973	35.50	38.20	41.70	40.80	41.00	40.60	40.20	48.50	43.30	43.00	38.00	35.20
1974	41.80	42.00	38.30	37.60	34.60	30.20	30.30	30.60	26.90	25.30	23.70	23.90
1975	22.60	23.20	24.00	27.50	29.50	30.60	30.10	27.10	27.70	27.40	26.70	28.20
1976	29.20	30.90	31.90	35.50	34.30	32.20	28.80	27.90	28.00	27.20	26.20	27.00
1977	28.00	29.60	30.50	32.40	32.20	32.40	34.30	34.30	34.80	35.70	33.90	34.60
1978	36.00	39.70	44.00	45.60	50.20	49.00	49.10	49.90	52.80	53.00	52.70	55.00
1979	60.10	63.80	71.00	73.30	71.10	65.20	62.50	57.90	65.60	63.80	63.70	62.90
1980	64.10	65.00	63.20	58.60	57.10	59.40	60.10	60.80	60.50	60.80	57.50	55.90

1/ Mid-month average price.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
CALVES (Dollars per Cwt.) 1/												
1950	23.00	24.00	24.80	25.50	26.50	26.00	27.00	27.00	27.50	28.00	29.00	29.50
1960	24.00	25.00	25.20	25.80	26.00	23.50	22.00	20.50	21.30	22.50	22.30	23.50
1970	35.00	37.20	38.00	34.50	34.40	34.90	33.00	31.00	31.70	33.00	32.60	33.30
1973	49.00	51.00	56.00	55.00	55.00	55.50	55.00	63.00	58.50	58.50	54.00	49.00
1974	54.70	54.90	51.10	46.50	42.70	37.20	35.10	33.80	29.60	27.70	26.30	24.20
1975	23.30	23.30	23.90	27.40	27.70	30.00	26.00	23.30	26.00	26.40	29.40	31.00
1976	32.00	34.80	36.00	39.50	40.60	41.40	36.00	33.50	32.10	34.00	34.30	33.50
1977	31.90	35.20	34.80	37.40	35.20	36.40	36.40	36.50	38.80	41.30	39.40	40.60
1978	44.00	46.20	49.80	53.10	58.40	56.80	56.70	60.30	64.30	70.60	68.30	70.40
1979	80.10	85.10	96.40	95.50	90.90	91.20	81.70	86.00	85.30	85.50	89.60	83.90
1980	82.00	85.50	83.30	72.60	72.20	77.20	77.70	75.10	72.70	75.70	71.50	73.20
MILK COWS (Dollars per Head) 1/												
1950	200	200	200	200	205	210	210	210	215	225	225	230
1960	220	220	220	225	225	235	225	225	215	205	205	215
1970	320	320	330	330	330	330	325	315	310	320	340	320
1973	370	370	400	380	460	460	470	480	510	500	470	510
1974	550	545	555	570	520	480	485	495	450	415	410	420
1975	400	385	400	370	390	390	400	390	400	410	430	460
1976	455	455	485	490	505	505	480	510	480	480	495	500
1977	480	480	490	490	490	460	480	500	510	495	525	500
1978	510	520	545	565	615	660	670	690	725	745	770	805
1979	850	890	1010	1090	1090	1050	1080	1060	1050	1090	1090	1100
1980	1160	1190	1220	1220	1200	1200	1190	1210	1210	1220	1220	1220
TURKEYS (Cents per Pound) 1/												
1950	27.0	27.0	27.0	19.5	21.0	22.0	25.0	36.0	27.0	27.0	27.0	30.0
1960	30.0	28.0	27.0	28.0	25.0	21.0	22.0	23.0	23.0	24.0	26.0	26.0
1970	24.0	27.0	24.0	--	26.0	25.0	22.0	22.0	22.0	22.0	21.0	22.0
1973	24.0	--	28.0	28.0	34.0	36.0	36.0	54.0	52.0	44.0	40.0	38.0
1974	32.0	32.0	--	27.0	25.0	23.0	25.0	28.0	28.0	29.0	34.0	35.0
1975	34.0	32.0	29.0	--	32.0	34.0	35.0	36.0	38.0	39.0	39.0	38.0
1976	35.0	34.0	--	--	36.0	32.0	33.0	33.0	32.0	32.0	32.0	35.0
1977	35.0	34.0	37.0	36.0	33.0	34.0	35.0	34.0	35.0	39.0	40.0	41.0
1978	--	--	--	--	--	42.0	41.0	47.0	49.0	45.0	50.0	52.0	54.0
1979	--	--	--	--	--	44.0	45.0	41.0	43.0	49.0	46.0	51.0	51.0
1980	--	--	--	36.0	37.0	38.0	44.0	47.0	52.0	56.0	56.0	49.0

1/ Mid-month average price.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
MILK, ALL (Dollars per Cwt.) 1/												
1950	4.00	3.90	3.65	3.50	3.30	3.30	3.35	3.60	3.75	4.00	4.15	4.15
1960	4.25	4.15	4.05	3.95	3.85	3.80	3.80	3.95	4.20	4.25	4.35	4.40
1970	5.70	5.55	5.40	5.45	5.35	5.20	5.20	5.30	5.55	5.65	5.80	5.80
1973	6.35	6.35	6.40	6.30	6.30	6.30	6.40	7.00	7.55	8.05	8.45	8.80
1974	9.05	9.10	9.10	8.85	8.05	7.50	7.45	7.55	7.60	7.85	8.05	7.65
1975	8.25	8.10	8.05	8.05	7.95	7.85	8.05	8.30	8.75	9.20	9.40	10.40
1976	9.90	9.55	9.70	9.25	9.25	9.05	9.20	9.45	9.40	9.60	9.60	9.50
1977	9.35	9.15	9.20	9.20	9.10	9.20	9.15	9.20	9.55	9.65	9.75	9.85
1978	9.90	9.90	9.85	9.85	9.85	9.85	9.80	10.20	10.40	10.90	11.30	11.60
1979	11.60	11.80	11.50	11.40	11.30	11.30	11.30	11.60	11.90	12.20	12.60	12.40
1980	12.40	12.30	12.30	12.20	12.00	12.20	12.00	12.10	12.70	13.00	13.30	13.50
MILK, FLUID (Dollars per Cwt.) 1/												
1950	4.90	4.85	4.55	4.25	4.15	4.15	4.20	4.60	4.80	5.05	5.15	5.20
1960	4.75	4.70	4.60	4.50	4.35	4.30	4.30	4.45	4.70	4.75	4.85	4.85
1970	6.10	5.90	5.75	5.90	5.75	5.60	5.60	5.70	5.95	6.05	6.25	6.25
1973	6.70	6.65	6.65	6.55	6.50	6.55	6.60	7.30	7.85	8.45	8.75	9.05
1974	9.25	9.25	9.30	9.10	8.40	7.75	7.70	7.80	7.75	8.05	8.35	7.80
1975	8.55	8.30	8.20	8.20	8.05	7.95	8.10	8.40	8.85	9.30	9.50	10.80
1976	10.20	9.85	9.95	9.40	9.40	9.10	9.25	9.55	9.55	9.80	9.85	9.65
1977	9.50	9.30	9.30	9.30	9.20	9.30	9.30	9.40	9.75	9.85	10.00	10.00
1978	10.10	10.10	10.00	10.00	10.00	10.00	9.90	10.30	10.50	11.10	11.50	11.80
1979	11.80	12.00	11.60	11.50	11.30	11.30	11.30	11.70	12.00	12.40	12.80	12.70
1980	12.70	12.50	12.50	12.40	12.30	12.40	12.20	12.40	12.90	13.30	13.60	13.90
MILK, MFG. (Dollars per Cwt.) 1/												
1950	3.25	3.15	3.00	2.90	2.75	2.75	2.75	2.85	2.90	3.05	3.15	3.25
1960	3.25	3.15	3.05	3.00	2.95	2.90	2.85	2.95	3.10	3.20	3.25	3.35
1970	4.70	4.65	4.60	4.50	4.45	4.40	4.35	4.40	4.55	4.65	4.75	4.80
1973	5.40	5.50	5.70	5.65	5.65	5.70	5.85	6.25	6.75	7.00	7.55	8.05
1974	8.50	8.65	8.65	8.15	7.15	6.85	6.85	6.80	7.20	7.35	7.25	7.20
1975	7.40	7.45	7.65	7.65	7.75	7.65	7.85	8.05	8.40	8.90	9.05	9.30
1976	9.00	8.80	8.95	8.90	8.90	8.85	9.05	9.15	9.00	9.00	8.85	9.00
1977	8.85	8.70	8.90	8.85	8.80	8.75	8.65	8.70	8.90	9.05	9.15	9.40
1978	9.40	9.40	9.45	9.50	9.45	9.50	9.55	9.85	10.10	10.40	10.70	10.90
1979	11.00	11.20	11.20	11.30	11.20	11.20	11.20	11.40	11.50	11.70	12.00	11.80
1980	11.80	11.70	11.70	11.70	11.50	11.70	11.40	11.50	12.20	12.40	12.50	12.60

1/ Average for the month.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
SHEEP (Dollars per Cwt.) 1/												
1950	8.60	8.60	9.50	9.50	9.00	8.50	9.00	9.00	11.00	11.50	12.00	12.50
1960	6.50	7.00	7.00	7.00	6.50	6.50	5.50	5.00	4.50	4.80	4.50	5.00
1970	7.60	7.60	7.70	8.20	7.50	8.30	8.50	8.00	7.50	6.50	6.00	6.00
1973	7.50	8.60	9.50	9.00	9.00	9.00	11.30	16.00	14.50	11.20	12.80	14.30
1974	14.40	17.20	13.10	14.20	12.50	10.20	10.60	12.60	10.80	8.50	10.10	10.30
1975	9.30	8.50	10.80	11.00	11.80	9.60	9.60	10.70	10.20	9.80	9.40	10.30
1976	10.30	11.50	10.50	11.90	13.10	11.60	10.70	11.30	11.00	9.90	10.20	9.80
1977	11.00	10.10	10.50	10.00	10.30	10.00	10.30	10.20	11.00	11.00	12.90	11.50
1978	11.60	13.80	16.40	15.40	14.80	14.30	14.90	15.70	16.00	17.70	18.10	18.20
1979	19.60	19.40	20.90	23.50	21.60	18.90	16.80	17.80	19.50	16.90	15.70	17.50
1980	17.80	16.40	21.90	16.90	14.60	15.50	16.60	16.30	15.90	14.90	15.10	14.40
LAMBS (Dollars per Cwt.) 1/												
1950	21.30	22.00	22.40	23.00	23.30	24.00	24.00	24.00	25.50	25.50	26.70	27.00
1960	17.80	18.30	20.00	20.00	20.00	19.50	17.80	16.70	16.10	15.20	15.20	16.20
1970	28.00	27.50	27.00	26.00	25.50	26.00	26.00	26.20	25.80	25.00	23.30	21.50
1973	31.80	33.70	37.60	34.50	31.30	36.40	33.90	41.30	28.90	31.10	32.50	33.80
1974	37.90	38.30	34.20	34.60	37.80	38.20	36.10	35.30	31.10	32.30	33.90	34.70
1975	32.70	35.70	36.90	39.10	40.50	43.40	42.70	39.70	40.20	41.80	44.80	45.40
1976	46.40	45.90	46.10	49.20	52.70	49.60	45.50	41.60	42.00	43.70	41.00	41.70
1977	44.80	45.80	45.80	45.30	46.60	49.90	50.00	49.70	50.60	51.80	49.50	53.90
1978	57.70	58.70	61.00	59.10	59.10	59.10	56.40	57.00	62.20	61.00	59.60	60.60
1979	64.20	65.40	61.50	63.10	63.50	61.40	59.90	57.30	67.40	65.50	63.70	62.40
1980	63.20	59.10	60.70	55.00	51.60	63.10	64.10	63.00	66.20	66.60	56.80	53.80
WOOL (Cents per Pound) 2/												
1950	51	51	54	54	54	57	59	61	63	66	72	80
1960	44	47	42	45	44	44	43	41	41	41	39	39
1970	40	35	36	36	34	37	36	33	35	32	29	26
1973	82	79	79	80	75	85	82	89	79	80	82	82
1974	105	76	58	66	61	59	66	60	59	52	44	39
1975	42	39	36	40	45	43	47	45	51	56	55	45
1976	--	68	59	66	63	64	67	68	--	62	68	66
1977	74	69	68	66	63	63	59	65	56	59	64	67
1978	61	63	67	72	69	69	69	71	67	71	76	71
1979	71	71	79	87	87	90	86	90	86	88	88	93
1980	--	84	98	90	80	83	87	98	98	93	94	96

1/ Mid-month average price. 2/ Average for the month.

County Estimates

A major shortfall of our Agricultural Statistics program has been the lack of information at the county level. Federal funding is provided for state and national estimates, but for smaller geographic areas, funds must come from sources within the state. Utah is about the only remaining state where some county estimates program is not provided.

Until now, the only source of county figures has been the five-year Census of Agriculture. Naturally, the problem with the Census is its timeliness. The information is usually two years old before it is published and is seven years old before the next publication. If the Census happened to be taken in a particularly good or particularly bad year, the levels may not be a good indication of inter-census years. The Census also fails to keep up with changes that are occurring in agriculture. Since the 1974 Census was taken, we have passed through at least two hog cycles, a major cattle cycle, and sugarbeet acreage has dropped to nearly zero in the State.

For some time the Crop and Livestock Reporting Service has made county estimates of wheat, corn and barley for use in some special Federal programs. On our own, we have added estimates for cattle, dairy cows, and alfalfa hay. We have been reluctant to publish these data, since they are based on very small samples and are not as reliable as we would like. However, since we have made the estimates available to an increasing number of people on a request basis, we felt it only fair to publish them for the use of everyone.

In the long run, we hope to improve the estimates we are now making and to expand our program into other areas. The success or failure of our plans will depend largely on the support we can find within the State. If you think the program should be expanded and improved, write your state legislator, your farm organization, the State Department of Agriculture, or the Crop and Livestock Reporting Service and let your feelings be known.

Fertile valleys are the homestead for farms and ranches

All Wheat County Estimates - 1980.

County	Acres Planted	Acres Harvested For Grain	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder	111,800	104,600	35.6	3,723,800
Cache	29,900	28,700	41.3	1,187,200
Davis	4,200	4,000	75.0	300,300
Morgan	600	600	51.8	31,100
Rich	5,700	5,100	28.0	142,900
Salt Lake	12,300	11,300	23.8	269,300
Tooele	3,200	2,700	22.4	60,700
Weber	1,400	1,300	67.2	87,400
Juab	17,100	15,600	23.9	373,200
Millard	22,100	20,700	33.8	700,800
Sanpete	3,700	3,200	57.6	184,400
Sevier	600	500	67.0	33,500
Utah	20,100	19,000	29.6	564,000
Carbon	700	600	61.3	36,800
Daggett	*	*	*	*
Duchesne	900	800	56.2	45,000
Emery	1,200	1,000	56.1	56,100
Grand	*	*	*	*
San Juan	47,500	44,400	18.1	803,800
Summit	1,000	800	26.1	20,900
Uintah	1,300	1,200	42.6	51,200
Wasatch	*	*	*	*
Beaver	700	700	57.0	39,900
Garfield	600	500	59.4	29,700
Iron	1,600	1,300	41.8	54,400
Kane	500	400	39.7	15,900
Piute	*	*	*	*
Washington	2,900	2,600	42.2	109,800
Wayne	*	*	*	*
Other Counties	400	400	49.8	19,900
State	292,000	272,000	32.8	8,942,000

*Less than 500 acres planted.

Barley County Estimates - 1980.

County	Planted Acres	Harvested Acres	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder	26,500	24,000	69.6	1,672,000
Cache	29,600	26,500	53.7	1,423,400
Davis	3,000	2,800	73.8	206,800
Morgan	1,200	1,100	73.0	80,300
Rich	3,400	3,000	58.9	176,900
Salt Lake	3,900	3,700	83.1	307,600
Tooele	2,600	2,300	62.2	143,200
Weber	3,200	3,000	71.4	214,200
Juab	3,300	3,100	75.9	235,400
Millard	21,600	20,000	81.8	1,636,900
Sanpete	9,900	9,000	71.9	647,400
Sevier	8,700	8,500	86.9	738,800
Utah	18,800	17,000	86.7	1,474,500
Carbon	500	400	65.0	26,000
Daggett	*	*	*	*
Duchesne	2,800	2,500	68.3	170,900
Emery	1,000	900	65.3	58,800
Grand	*	*	*	*
San Juan	*	*	*	*
Summit	900	800	78.7	63,000
Uintah	1,400	1,300	52.8	68,700
Wasatch	1,900	1,800	72.4	130,400
Beaver	1,100	1,000	78.0	78,000
Garfield	500	400	64.0	25,600
Iron	8,500	8,000	84.7	677,800
Kane	*	*	*	*
Piute	700	600	78.0	46,800
Washington	2,900	2,500	81.0	202,700
Wayne	3,300	3,000	85.0	255,000
Other Counties	800	800	53.6	42,900
State	162,000	148,000	73.0	10,804,000

*Less than 500 acres planted.

Corn for Grain - 1980.

County	Acres Planted	Acres Harvested For Grain	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder	4,800	4,300	105.0	451,500
Cache	*	*	*	*
Davis	600	500	120.0	60,000
Morgan	*	*	*	*
Rich	*	*	*	*
Salt Lake	*	*	*	*
Tooele	*	*	*	*
Weber	600	400	104.0	41,600
Juab	*	*	*	*
Millard	1,100	1,000	82.0	82,000
Sanpete	*	*	*	*
Sevier	*	*	*	*
Utah	5,500	5,000	106.0	530,000
Carbon	*	*	*	*
Daggett	*	*	*	*
Duchesne	1,200	900	80.0	72,000
Emery	500	400	93.0	37,200
Grand	*	*	*	*
San Juan	*	*	*	*
Summit	*	*	*	*
Uintah	1,200	1,000	75.0	75,000
Wasatch	*	*	*	*
Beaver	*	*	*	*
Garfield	*	*	*	*
Iron	*	*	*	*
Kane	*	*	*	*
Piute	*	*	*	*
Washington	*	*	*	*
Wayne	*	*	*	*
Other Counties	2,500	1,500	100.5	150,700
State	18,000	15,000	100.0	1,500,000

*Less than 500 acres planted.

Corn for Silage - 1980.

County	Acres Harvested For Silage	Yield Per Acre	Production
		Tons	Tons
Box Elder	12,500	21.0	262,500
Cache	10,500	19.0	199,500
Davis	6,000	22.0	132,000
Morgan	*	*	*
Rich	*	*	*
Salt Lake	800	18.0	14,400
Tooele	700	15.0	10,500
Weber	6,400	20.0	128,000
Juab	1,400	18.0	25,200
Millard	4,100	20.0	82,000
Sanpete	4,000	17.0	68,000
Sevier	5,500	20.0	110,000
Utah	12,800	19.0	243,200
Carbon	700	19.0	13,300
Daggett	*	*	*
Duchesne	3,400	15.0	51,000
Emery	1,600	13.0	20,800
Grand	*	*	*
San Juan	*	*	*
Summit	*	*	*
Uintah	3,400	13.0	44,200
Wasatch	*	*	*
Beaver	1,600	18.0	28,800
Garfield	*	*	*
Iron	1,800	21.0	37,800
Kane	*	*	*
Piute	600	16.0	9,600
Washington	*	*	*
Wayne	*	*	*
Other Counties	1,200	16.8	20,200
State	79,000	19.0	1,501,000

*Less than 500 acres harvested.

Alfalfa Hay County Estimates - 1980 1/.

County	Acres Harvested	Yield Per Acre	Production
		Tons	Tons
Box Elder	43,500	3.78	164,300
Cache	51,200	3.96	203,000
Davis	7,100	4.45	31,600
Morgan	6,600	3.98	26,300
Rich	8,500	2.72	23,100
Salt Lake	9,400	4.05	38,100
Tooele	14,100	4.28	60,400
Weber	13,600	4.50	61,200
Juab	10,800	4.65	50,200
Millard	52,600	4.37	230,100
Sanpete	31,900	3.85	122,800
Sevier	19,300	4.54	87,600
Utah	26,800	4.34	116,400
Carbon	5,200	3.94	20,500
Daggett	1,400	2.93	4,100
Duchesne	25,400	3.21	81,600
Emery	11,800	3.18	37,500
Grand	2,400	3.92	9,400
San Juan	4,200	3.95	16,600
Summit	12,700	2.83	35,900
Uintah	22,100	3.28	72,400
Wasatch	8,000	3.80	30,400
Beaver	19,300	3.91	75,500
Garfield	8,900	3.43	30,500
Iron	32,000	4.02	128,700
Kane	2,400	3.71	8,900
Piute	7,100	3.42	24,300
Washington	4,200	4.57	19,200
Wayne	7,500	2.99	22,400
State	470,000	3.90	1,833,000

1/ Not an official USDA estimate. Derived by factoring State totals back to counties using 1978 Census percents with consideration given to reports from County Agents.

Cattle County Estimates, January 1, 1981 1/

County	Beef Cows	Milk Cows	All Cows	All Cattle
	Number	Number	Number	Number
Box Elder	31,800	9,300	41,100	93,700
Cache	8,900	19,500	28,400	63,500
Davis	8,600	2,500	11,100	26,500
Morgan	3,200	1,300	4,500	9,300
Rich	23,700	2/	3/23,700	40,600
Salt Lake	5,000	2,600	7,600	16,300
Tooele	11,000	2/	3/11,000	18,300
Weber	7,400	7,200	14,600	35,800
Juab	9,600	2/	3/9,600	17,300
Millard	28,700	4,000	32,700	76,400
Sanpete	17,300	5,400	22,700	40,400
Sevier	15,100	2,800	17,900	52,400
Utah	21,000	7,100	28,100	62,500
Carbon	7,200	2/	3/7,200	12,500
Daggett	2,350	2/	3/2,350	4,200
Duchesne	25,100	3,000	28,100	46,800
Emery	12,400	500	12,900	23,000
Grand	3,700	2/	3/3,700	8,200
San Juan	15,300	2/	3/15,300	27,100
Summit	5,300	2,200	7,500	13,900
Uintah	22,600	800	23,400	44,900
Wasatch	2,800	2,100	4,900	10,400
Beaver	10,200	3,300	13,500	28,800
Garfield	10,000	2/	3/10,000	18,200
Iron	10,400	500	10,900	24,000
Kane	6,500	2/	6,500	11,400
Piute	3,950	1,000	4,950	10,400
Washington	10,400	530	10,930	22,400
Wayne	7,500	600	8,100	15,800
Counties with less than 500 milk cows		770	770	
State	347,000	77,000	424,000	875,000

1/ Not an official USDA estimate. Derived by factoring State totals back to counties using 1978 Census percents with consideration given to reports from County Agents. 2/ Included in total of counties with less than 500 milk cows. 3/ Milk cows excluded from County total, but included in total of counties with less than 500 milk cows.

Weather

As has been typical of the last several years, weather conditions during 1980 were extremely variable in the state. The first three months of the year brought above normal precipitation in all of the climate divisions in Utah. Above normal accumulations were also reported during May and September and, except for the Western Division, during the month of October. A few heavy local thunderstorms occurred in other divisions during the year but, in general, these areas received below normal moisture during the remaining months.

On January 14, 1980, Deer Creek Dam reporting station measured 4.39 inches of precipitation during a 24-hour period. That was the largest 24-hour accumulation reported during the year, and was one of the wettest days of record at any station. The record for Deer Creek Dam station occurred on February 1, 1963, with 5.08 inches. This was nearly an inch below the record high for the state, which was 6.00 inches in a 12-hour period at Bug Point on September 5, 1970.

In Utah, 1980 was a much wetter year than normal, but still much below the record (1941). Accumulations, in the various climate divisions, ranged from the second wettest year in the Western and North Central Divisions to the ninth wettest in the Northern Mountain Division.

The temperature pattern was almost as erratic as the precipitation. In general, temperatures during the months of January, February, June, July, November, and December were all above normal. During the other months of the year, temperatures ranged from slightly above normal, in a few divisions, to well below normal elsewhere.

The length of the growing season was three weeks to a month longer than normal along the Wasatch Front, and about a week longer in the Uinta Basin. However, except for these two areas and a few other isolated stations, the length of the growing season was several weeks shorter than normal.

The accumulation of growing degree days was also very erratic, but in general, were above normal in most agricultural areas. In the Western Division, Delta was slightly below normal on growing degree days base 50, while Milford was 281 degree days above normal. Similarly, St. George, in the Dixie area, accumulated 322 degree days less than normal, while Zion National Park was only a few degree days below normal. Similar variability was observed in the other climate division. Generally, above normal accumulation of growing degree days, in farming areas, helped to override the shortened growing season where that was a problem. In most of the state, the overall weather conditions were quite favorable for crop production.

E. Arlo Richardson and Kenneth G. Hubbard, State Department of Agriculture Climatologists.

Mean Monthly Temperature (°F), Utah, 1980.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	30.7	34.6	37.8	48.8	54.4	65.7	75.1	71.1	62.5	49.8	39.4	34.4	44.4
Milford MSO	31.4	36.8	36.3	47.0	52.5	65.1	74.7	70.7	62.3	46.4	38.4	34.6	49.8
Modena	*31.1	*36.6	*37.6	*49.8	52.5		72.6	69.0		*48.4	40.6	*36.2	39.5
Park Valley	24.8	32.3	34.1	45.7	5[illegible]	59.0	69.6	65.4	59.4	48.1	37.4	32.2	46.8
Wendover	*31.9	32.6	42.0	50.3	56.[illegible]	*70.3	81.5	76.3	*67.7	*52.2	40.1	29.9	52.7
*Division	30.2	34.1	38.4	49.1	53.9	64.8	75.0	70.9	62.8	49.5	39.2	32.9	50.1
DIXIE													
St. George	*43.7	*48.8	*49.2			*78.0		82.0	*74.2	*63.2		*46.8	40.5
Zion Natl Park	42.0	47.9	*46.3	58.2	*62.8	76.3	*83.4	80.6	*75.3	63.5	51.7	49.2	56.1
*Division	41.7	47.1	*46.4	[illegible]	[illegible]	74.0	81.2	78.8	72.4	61.3	49.4	46.6	59.7
NORTH CENTRAL													
Corinne	28.7	34.9	39.3	49.7	*56.0	6[illegible]	74.5	69.3	61.8	48.3	38.1	30.3	49.7
Elberta	32.1	32.7	38.7	49.3	54.8	[illegible]	77.3	73.4	64.1	50.4	39.5	31.6	51.0
Farmington USU	31.9	35.6	40.1	52.2	56.7	67.[illegible]	77.2	73.2	*59.8	51.5	40.8	32.9	51.6
Logan USU	27.3	32.6	36.5	49.2	53.8	62.6	72.[illegible]	68.7	61.9	49.1	38.3	27.5	48.3
Ogden Pioneer PH	31.4	37.0	39.6	53.0	56.7	68.2	*77.4	72.2	64.5	52.0	40.7	33.2	52.1
SLC Airport	33.7	36.0	41.5	52.7	57.0	67.5	77.6	74.1	66.3	53.6	41.4	33.6	52.8
Tooele	30.8	35.7	39.1	51.3	54.6	67.6	76.3	72.5	64.9	50.8	40.3	33.0	51.4
Trenton	26.7		36.2	46.9	52.1	59.8	68.7	64.5	58.9	45.9	36.3	28.9	43.4
Utah Lake Lehi	29.6	29.9	36.9	47.7	53.6	63.9	73.5	69.9	61.6	48.5	36.0	32.3	48.6
*Division	30.1	34.1	38.3	49.9	54.4	65.4	74.7	70.4	63.1	50.1	39.0	31.6	50.1
SOUTH CENTRAL													
Cedar City FAA	35.5	39.9	37.4	48.9	53.5	67.0	75.7	72.4	64.1	51.2	42.0	39.1	52.2
Fillmore	32.7	36.8	38.8	50.6	55.0	67.1	75.1	71.3	64.9	51.9	41.0	37.0	51.8
Kanab PH	38.8	43.5	42.2	52.6	56.4	67.2	75.8	72.9	67.7	56.6	46.3	45.0	55.4
Levan	27.2	*34.6	36.7	48.3	52.5	65.0	73.3	69.8	62.9	49.4	39.7	35.0	49.5
Loa	*24.3	*31.1	31.1	41.4	47.3	*58.7	*66.4	62.1	55.6	43.7	34.4	*33.7	44.1
Manti	31.3	33.4	35.8	47.1	51.3	63.8	71.6	68.4	60.1	49.1	39.3	37.4	49.1
Nephi	32.6	35.7	39.1	50.6	55.1	66.5	76.0	70.7	63.4	51.2	40.4	36.0	51.3
Panguitch	29.1	32.6	32.1	42.6	48.2	58.4	67.0	63.0	56.5	45.7	36.0	33.2	45.4
Richfield KSVC	34.3	37.7	37.9	47.6	52.8	64.3	73.0	68.8	60.9	49.4	39.8	37.2	50.1
*Division	30.8	34.5	34.7	45.8	50.8	62.8	71.0	67.4	60.4	48.6	38.7	36.5	48.5
NORTHERN MOUNTAINS													
Coalville	26.5	29.3	34.1		50.9	59.8	67.6	64.1	57.4	45.7	35.1	31.9	41.9
Heber	*25.8	25.8	*31.8	*44.2	*50.0	59.6	67.5	64.6	57.8	46.9	*34.7	31.5	46.0
Morgan	27.1	29.8	35.9	47.3	52.2	60.6	69.3	64.8	58.9	47.9	36.4	32.2	45.8
Olmstead PH	31.3	34.6	38.2	50.5	54.7	67.7	75.2	70.4	62.9	51.5	39.9	34.1	50.9
Scofield	20.4	21.4	21.4	32.9	42.7	51.9	59.7	56.4	50.4	40.7	30.9	27.9	38.0
Silver Lk. Brighton	21.0	26.3	22.1	32.7	38.9	50.5	59.4	55.8	*48.8	38.1	*30.0	27.6	37.5
Woodruff	19.2	23.7	30.1	40.4	48.4	58.8	63.4	59.0	*53.6	42.0	32.3	23.0	40.9
*Division	23.5	26.8	30.0	41.4	47.8	57.8	66.1	62.2	55.7	44.4	34.2	30.4	43.3
UINTA BASIN													
Duchesne AP	*22.8	*22.1	*33.8	*44.9	*51.8	*63.9	*71.9	*67.8	*60.0		35.4	31.6	42.2
Fort Duchesne			*35.4		54.7	*66.1	73.1	68.6	60.9	*46.5	35.2	30.9	39.3
Vernal AP	21.8	23.4	36.8	46.6	55.2	66.9	73.9	69.2	60.8	46.9	*35.0	33.2	47.5
*Division	22.4	23.6	35.7	46.6	54.3	65.8	72.9	68.4	60.7	47.4	35.2	32.2	47.1
SOUTHEAST													
Blanding	31.0	36.8	36.7	47.5	53.8	68.0	74.3	71.1	64.5	51.0	41.4	39.5	51.3
Ferron	26.1	30.6	35.2	47.0	51.9	65.5	72.9	69.1	60.8	50.1	37.5	34.9	48.5
Green River Avn.	*31.6	*39.3	*41.6	*51.8	*59.8	*71.4	79.4	*75.4			*40.4	*34.4	43.7
Hanksville FAA	33.7	39.9	41.8	52.4	59.7	74.3	80.4	76.3	66.5	51.8	39.1	36.0	54.3
Moab 2 NW	37.9	43.6	45.9	55.6	63.2	75.9	83.0	79.5	69.7		44.6	*41.3	53.3
Monticello	25.4	29.5	31.3	43.7	49.9	62.7	68.9	64.4	59.1	46.9	*36.4	*35.1	46.2
Price Warehouse	*27.8	32.4	36.3	47.8	54.3	68.0	75.4	70.6	63.0	52.2	38.8	37.2	50.3
*Division	32.3	37.7	39.2	49.8	56.9	70.9	77.8	74.1	65.8	52.3	40.9	37.9	53.0
STATE AVERAGE	29.6	33.6	36.7	47.7	53.4	65.2	73.7	69.8	62.2	49.4	38.7	34.6	49.6

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. *One or more days record missing; if average value is entered, less than 10 days record missing. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the state total.

UTAH AGRICULTURAL STATISTICS 1981

Normal Monthly Temperature (°F), Utah, 1941-70.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford AP	25.7	31.4	38.1	47.2	56.5	65.2	74.3	72.6	63.0	50.7	37.3	28.5	49.2
Modena	27.8	32.8	38.0	46.4	55.0	63.7	72.0	70.2	62.1	50.7	38.1	29.9	48.2
Park Valley	24.4	29.0	34.8	44.0	53.5	60.7	71.8	69.9	60.4	49.1	35.6	27.0	46.7
Wendover	27.4	34.2	41.0	50.8	60.8	69.2	79.3	76.7	66.2	52.8	38.6	29.7	52.2
#Division	25.9	31.8	38.0	47.2	56.4	64.4	74.0	72.0	62.4	50.6	37.2	28.6	49.0
DIXIE													
St. George	39.9	45.9	51.6	60.1	68.9	77.1	84.3	82.6	74.9	62.9	49.2	40.9	61.5
Zion Natl Park	39.2	44.6	49.3	58.0	67.5	76.7	84.2	81.8	73.7	64.0	50.4	41.6	61.2
#Division	39.6	44.1	49.2	57.6	66.5	75.2	82.6	80.6	73.7	62.5	48.4	40.2	60.0
NORTH CENTRAL													
Corinne	24.5	30.2	37.8	48.0	57.4	66.6	73.9	71.6	62.0	50.6	37.4	28.5	48.9
Elberta	27.3	32.7	39.4	48.6	57.6	65.4	74.4	72.7	63.5	51.6	39.0	30.1	50.2
Farmington USU	28.7	34.3	40.6	49.8	58.4	66.3	75.7	74.0	64.4	53.6	40.2	31.6	51.9
Logan USU	24.0	28.9	36.1	46.9	56.4	63.1	72.9	71.4	62.0	50.7	36.7	27.5	48.0
Ogden Pioneer PH	27.8	33.1	39.7	49.6	59.3	66.9	76.9	74.7	65.1	53.3	39.4	30.8	51.4
SLC Airport	28.0	33.4	39.6	49.2	58.3	66.2	76.7	74.5	64.8	52.4	39.1	30.3	51.0
Tooele	28.9	33.3	39.3	48.8	58.2	66.2	76.1	74.0	64.4	52.2	39.2	31.0	51.0
Trenton	21.5	26.5	34.2	45.1	54.2	60.8	69.5	67.6	58.2	47.4	34.9	29.4	49.1
Utah Lake Lehi	26.1	31.6	38.1	47.4	56.4	64.0	72.3	70.6	61.2	49.8	37.6	29.2	48.7
#Division	26.7	31.9	38.5	48.3	57.5	65.0	74.6	72.7	63.5	51.7	38.6	29.7	49.9
SOUTH CENTRAL													
Cedar City FAA	28.7	33.1	38.4	47.1	56.2	64.7	73.2	71.3	63.2	51.5	38.8	30.8	49.8
Fillmore	29.0	34.2	40.4	49.3	58.4	66.8	76.2	74.3	65.8	53.8	40.1	31.3	51.6
Kanab PH	35.2	39.3	43.9	52.1	60.6	69.1	76.4	74.4	68.2	57.3	45.1	36.9	54.9
Levan	26.0	31.2	36.1	47.4	56.1	64.1	73.1	71.3	62.9	51.6	38.4	29.4	49.1
Loa	23.2	27.3	34.3	43.7	49.7	57.3	64.4	62.7	55.2	45.3	33.0	24.7	43.0
Manti	25.8	30.2	37.1	46.1	54.7	62.3	70.1	68.6	60.6	50.0	37.6	28.5	47.6
Nephi	28.4	33.2	39.6	48.0	57.4	66.3	76.0	73.9	64.6	53.2	38.8	31.0	51.0
Panguitch	23.9	27.9	33.4	42.1	50.1	57.6	64.6	62.9	54.8	45.8	34.1	25.6	43.6
Richfield #SWC	28.1	32.8	38.9	47.0	56.6	65.2	74.0	72.1	63.5	52.0	38.6	30.2	48.7
#Division	26.9	31.3	36.9	45.4	54.4	62.3	70.0	68.1	60.5	50.0	37.6	29.3	47.7
NORTHERN MOUNTAINS													
Coalville	23.4	27.6	33.7	43.2	51.6	57.8	65.7	63.8	56.0	46.8	34.6	26.3	44.2
Heber	20.7	25.6	33.2	43.2	51.4	58.4	66.8	65.3	57.1	47.4	34.5	25.2	44.1
Morgan	22.9	27.9	34.7	44.6	53.4	60.3	68.5	66.7	57.8	47.7	34.8	26.1	45.4
Olmstead PH													
Scofield													
Silver Lk. Brighton	19.6	20.4	23.5	32.2	41.2	49.2	57.3	56.3	48.4	39.2	27.5	21.2	36.4
Woodruff	14.9	18.7	26.2	38.4	47.5	54.4	62.2	60.4	51.7	41.6	28.5	19.1	38.6
#Division	20.9	24.5	30.2	40.8	49.9	56.8	65.1	63.2	55.0	45.0	32.5	24.2	42.5
UINTA BASIN													
Duchesne AP	17.9	24.6	34.9	45.9	55.4	62.8	70.2	67.9	59.5	48.1	33.6	22.5	45.3
Fort Duchesne	14.6	22.2	34.2	46.2	55.9	63.6	70.8	68.8	59.8	48.2	33.2	20.9	44.9
Vernal AP	16.1	25.3	34.1	45.6	54.9	62.2	69.6	67.6	58.9	47.4	33.1	21.2	44.5
#Division	16.8	23.9	35.0	46.7	56.4	63.8	71.5	69.2	60.4	48.7	34.1	22.1	45.7
SOUTHEAST													
Blanding	27.7	32.9	38.3	47.4	56.9	65.8	73.7	70.8	63.3	51.7	38.2	29.8	49.7
Green River Avn.	24.1	33.6	42.0	52.4	62.2	70.3	78.2	75.8	66.2	53.5	38.3	26.0	52.1
Hanksville FAA	26.1	33.9	42.5	52.9	62.9	71.9	79.4	76.9	67.6	54.7	39.4	28.9	53.1
Woab 4 NW	30.5	37.8	46.1	56.5	66.2	74.2	81.3	78.7	70.1	57.6	43.4	33.1	56.3
Monticello	25.9	29.5	34.6	44.1	52.9	61.2	68.5	66.5	59.5	49.1	36.3	28.3	46.4
Price Warehouse													
#Division	27.3	33.6	40.6	50.6	60.1	68.7	76.1	73.7	65.6	53.7	39.5	29.8	51.6
STATE AVERAGE	25.5	30.9	37.4	47.1	56.3	64.2	72.6	70.5	62.0	50.6	37.2	28.3	48.6

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Total Precipitation (inches), Utah, 1980.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	1.12	1.62	2.79	.32	2.95	.02	.13	.05	.91	.75	.74	.10	11.50
Milford WSO	1.86	1.50	1.21	.84	1.01		.94	.61	2.06	1.55	.75	.22	12.25
Modena	3.22	2.46	1.34	.73	1.12		2.35	1.52	2.90	.36		.17	16.77
Park Valley	3.09	7.90	.75	.40	4.85	1.52	.82	.40	.97	.55	.58	.51	22.54
Wendover		.47		.51	2.14	.40	.16	1.42	.06		.54		5.90
#Division	1.75	1.35	1.46	.62	2.59	.60	.49	.45	1.25	.62	.68	.31	11.69
DIXIE													
St. George	4.46	2.73	1.78	.44		.09	1.27	.10	.37			.44	11.60
Zion Natl Park	6.48	6.65	2.18	.75	1.40	0	2.04	1.22	1.63	.86	.21	.23	23.65
#Division	5.75	4.88	1.98	.62	1.40	.02	1.17	.78	1.45	1.20	.31	.27	19.83
NORTH CENTRAL													
Corinne	2.72	2.96	2.81	1.02	3.94	2.88	.24	.74	.96	1.43	1.17	.48	21.35
Elberta	2.47	.87	1.59	.37	1.98	.05	.26	.33	.84	1.48	.85	.39	11.48
Farmington USU	2.88	3.79	3.71	1.05	5.38	1.44	1.23	.33	.70	1.88	1.79	.79	24.97
Logan USU	4.05	3.19	2.83	.72	4.34	2.93	1.18	.80	1.59	1.39	1.04	1.36	25.42
Ogden Pioneer PH	4.23	3.10	3.46	1.34	6.37	2.47	.61	.33	1.39	1.25	1.87	1.24	27.36
SLC Airport	2.87	2.25	2.46	1.23	2.70	.42	1.34	.26	.72	1.74	1.17	.37	17.53
Tooele	3.13	1.86	3.53	1.65	3.12	.57	.41	.37	.61	1.78	1.98	.78	19.79
Trenton	4.23		2.43	1.30	5.37	3.15	.47	1.06	.37	1.35	1.03	1.38	22.14
Utah Lake Lehi	2.23	.60	.78	.45	2.23	.01	.69	.75	.83	1.01	1.41	.43	11.42
#Division	3.48	2.91	2.50	.97	3.88	1.27	.75	.66	1.11	1.71	1.34	.80	21.38
SOUTH CENTRAL													
Cedar City FAA	2.98	2.38	2.03	.58	.91	.46	.45	.86	2.86	1.59	.29	.14	15.63
Fillmore	2.40	1.65	2.85	.88	3.34	.02	1.21	.02	2.44	1.71	1.11	.14	17.77
Kanab PH	6.61	5.77	3.40	.65	.65	.04	1.37	1.44	.92	.95	.10	.50	22.20
Levan	2.71	3.82	2.97	1.02	3.04	.13	.39	.32	1.87	1.56	1.38	.36	19.57
Loa		.69	.55	.27	1.21	.02	.58	.66	2.66	.47	.19	.03	7.33
Marti	1.86	3.85	2.00	.83	3.28	.19	.56	1.13	2.23	1.56	.82	.12	18.43
Nephi	2.76	2.87	2.63	.69	2.81	.03	.51		1.60	1.75	1.38	.31	17.33
Panguitch	1.43	2.09	.88	.73	1.84	.63	.49	1.09	1.79	1.14	.33	.02	12.46
Richfield KSVC	1.52	.98	.64	.86	2.09	.03	.54	.55	2.92	.90	.43	T	11.16
#Division	3.04	3.11	1.96	.69	2.02	.12	.83	.88	2.39	1.30	.61	.17	17.02
NORTHERN MOUNTAINS													
Coalville	2.37	2.86	2.45	1.58	2.73	.06	1.10	.67	1.07	1.85	1.09	.64	18.47
Heber	8.41	4.26	2.18	.49	2.67	.05	.13	.34	.86	1.33	1.24	1.11	23.57
Morgan	4.27	3.48	2.68	1.45	2.85	.86	1.56	.35	1.63	.84	.97	.86	21.89
Olmstead PH	4.57	5.01	2.45	.67	3.12	0	.30	.78	.95	2.30	2.08	.96	23.19
Scofield	3.06	2.29	1.35	.85	1.42	.01	.19	.75	1.18	.88	.47	.05	12.17
Silver Lk Brighton	13.11	8.07	7.38	2.08	3.49	T	.98	.87	1.70	2.40	2.72	2.97	45.77
Woodruff	1.34	.56	.64	.80	2.08	.83	.87	.20	.70	1.45	.79	.39	11.25
#Division	5.53	3.80	2.67	1.13	3.01	.45	.81	.84	1.27	1.76	1.27	1.04	28.58
UINTA BASIN													
Duchesne AP	1.74	1.06	.29	.19	1.91	.02	.34	1.55	1.77	1.50	.51	.22	11.10
Fort Duchesne	1.11	.28		.47	1.24	0	.60	.60	2.22	.95	.25	0	7.72
Vernal AP	.97	.10	.37	.88	1.65	0	.55	.91	.87	.52	.68	0	7.50
#Division	1.67	.92	.60	.42	1.63	T	.47	.95	1.53	1.10	.44	.07	9.70
SOUTHEAST													
Blanding	3.49	2.86	1.43	.97	.85	.02	.38	.38	1.00	1.04	.40	.23	13.05
Ferron	2.44	1.80	1.20	.57	1.66	.02	.55	.78	2.39	.79	.30	.02	12.52
Green River Arp.	.68	1.35	1.18	.31	.87	.13	.10	.47	1.25	.86	.50	.03	7.70
Hanksville FAA	.59	.27	1.86	.32	.63	T	.06	.23	2.73	.49	.10	.03	7.31
Moab 4 NW	.82	1.27	2.67	.12	1.79	.10	.65	.81	1.02	1.55	.60	.30	12.70
Monticello	6.25	3.07	1.33	1.42	1.57	0	.60	.69	2.05	1.28	.49	.32	19.07
Price Warehouse		3.81	1.25	.31	1.60	.64	.71	.98	2.73	2.64	.22	T	14.89
#Division	1.86	1.89	1.61	.80	1.36	.05	.41	.76	1.34	1.19	.45	.24	11.96
STATE AVERAGE	2.71	2.29	1.79	.76	2.25	.35	.60	.71	1.52	1.61	.69	.58	15.65

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. T-an amount too small to measure. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the state total.

Normal Precipitation (inches), Utah, 1941-70.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	.61	.70	1.04	.90	.61	.56	.51	.68	.61	.78	.67	.73	8.40
Modena	.69	.67	.82	.81	.56	.55	.94	1.34	.62	.96	.74	.76	9.48
Park Valley	.95	.77	.70	.78	1.16	1.28	.74	.99	.56	.61	.96	.92	10.47
Wendover	.29	.31	.41	.44	.68	.73	.22	.36	.27	.45	.40	.32	4.88
#Division	.60	.59	.75	.87	.84	.82	.61	.76	.50	.76	.69	.70	8.49
DIXIE													
St. George	.88	.83	.90	.52	.38	.19	.61	.64	.48	.57	.69	.87	7.56
Zion Nat'l Park	1.55	1.58	1.69	1.27	.69	.62	.84	1.57	.80	1.04	1.16	1.55	14.36
#Division	1.15	1.21	1.30	.91	.53	.38	.89	.95	.67	.88	.91	1.17	10.94
NORTH CENTRAL													
Corinne	1.55	1.29	1.40	1.75	1.84	1.53	.39	.61	.87	1.06	1.61	1.72	15.62
Elberta	.85	.84	.98	1.07	1.05	.94	.62	1.05	.61	.96	.87	1.09	10.93
Farmington USU	2.01	1.73	2.03	2.65	2.06	1.73	.40	1.09	.93	1.54	1.90	1.89	19.96
Logan USU	1.36	1.45	1.74	2.12	1.86	1.78	.34	.87	.94	1.43	1.79	1.64	17.52
Ogden Pioneer PH	2.13	1.67	2.01	2.44	2.01	1.79	.56	.96	1.01	1.61	1.89	2.03	20.11
SLC Airport	1.27	1.19	1.63	2.12	1.49	1.30	.70	.93	.68	1.16	1.31	1.39	15.17
Tooele	1.14	1.34	1.84	2.20	1.64	1.35	.70	.93	.72	1.44	1.51	1.50	16.31
Trenton	1.77	1.31	1.45	1.63	2.33	1.35	.64	.86	1.12	1.25	1.21	1.98	15.88
Utah Lake Leni	.81	.75	1.08	1.18	1.03	.93	.60	.89	.60	.95	.90	1.03	10.75
#Division	1.47	1.32	1.62	1.96	1.67	1.50	.59	.94	.85	1.36	1.49	1.56	16.34
SOUTH CENTRAL													
Cedar City FAA	.65	.76	1.12	1.06	.68	.54	.96	1.22	.72	.89	.96	.78	10.33
Fillmore	1.36	1.52	1.74	1.76	1.18	.93	.62	.99	.80	1.14	1.34	1.40	14.78
Kanab FH	1.47	1.10	1.21	.89	.60	.44	.88	1.55	.75	.95	.96	1.41	12.21
Levan	1.27	1.25	1.64	1.68	1.33	1.01	.68	1.03	.92	1.19	1.20	1.46	14.66
Loa	.36	.29	.44	.48	.60	.59	1.14	1.33	.74	.75	.41	.39	7.48
Manti	1.04	1.16	1.35	1.40	1.13	1.01	1.73	1.01	.84	1.13	1.00	1.13	12.93
Nephi	1.23	1.21	1.45	1.55	1.36	.89	.64	1.04	.86	1.14	1.17	1.40	13.93
Pangultch	.53	.56	.72	.73	.65	.69	1.49	1.56	.94	.81	.63	.59	9.90
Richfield KSAC	.57	.69	.79	.79	.72	.61	.78	.72	.69	.66	.59	.59	8.16
#Division	1.03	.98	1.18	1.13	.88	.76	.96	1.39	.88	1.03	.93	1.08	12.25
NORTHERN MOUNTAINS													
Coalville	1.24	1.25	1.46	1.53	1.50	1.37	.78	1.02	.84	1.23	1.36	1.40	14.78
Heber	1.97	1.43	1.28	1.34	1.15	1.25	.68	1.05	.85	1.29	1.61	1.92	15.82
Morgan	1.66	1.45	1.75	1.84	1.64	1.55	.42	.96	.87	1.39	1.68	1.87	17.08
Olmstead PH													
Scofield													
Silver Lk. Brighton	5.35	4.80	5.53	4.50	2.87	2.65	1.28	1.95	1.74	3.05	4.75	5.34	43.81
Woodruff	.48	.50	.65	.87	1.02	1.29	.69	.88	.74	.91	.62	.61	9.26
#Division	2.19	1.89	2.05	1.86	1.52	1.52	.88	1.34	1.05	1.57	1.82	2.24	19.91
UINTA BASIN													
Duchesne AP	.50	.46	.58	.66	.82	1.01	.76	1.05	.81	.93	.49	.64	8.71
Fort Duchesne	.47	.36	.43	.61	.68	.86	.46	.72	.63	.89	.51	.61	7.23
Vernal AP	.54	.42	.62	.73	.62	.96	.45	.76	.66	.90	.55	.71	7.82
#Division	.51	.43	.60	.68	.68	.90	.62	.87	.72	.94	.51	.69	8.05
SOUTHEAST													
Blanding	1.11	.89	.87	.86	.64	.50	.96	1.58	1.02	1.36	.78	1.25	11.82
Green River Avn.	.33	.35	.38	.49	.51	.50	.42	.97	.56	.77	.39	.44	5.11
Hanksville FAA	.22	.20	.30	.44	.33	.38	.46	1.02	.48	.71	.33	.33	5.20
Moab 4 NW	.48	.55	.63	.85	.61	.56	.47	.89	.64	1.05	.62	.59	7.94
Monticello	.93	.78	.96	.99	.91	.58	1.57	2.18	1.21	1.64	.84	1.22	13.81
Price Warehouse	.76	.67	.69	.62	.64	.79	.97	1.24	1.07	1.03	.53	.87	9.88
#Division	.61	.56	.60	.68	.59	.56	.74	1.23	.77	1.07	.61	.73	8.73
STATE AVERAGE	.96	.88	1.02	1.07	.92	.88	.75	1.10	.76	1.05	.92	1.06	11.36

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. T-An amount too small to measure. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Normal Growing Degree Days Base 50, by months, Utah.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	5	20	96	216	353	493	643	626	464	278	83	16	3293
Modena	0	0	44	183	333	477	619	580	416	234	38	0	2924
Park Valley	0	0	7	108	262	416	660	612	387	180	6	0	2634
Wendover	1	8	72	200	403	574	800	766	506	235	29	3	3597
DIXIE													
St. George	69	136	269	399	541	650	798	779	615	460	213	82	5011
Zion Nat'l Park	54	96	214	360	536	691	836	811	678	468	196	74	5013
NORTH CENTRAL													
Corinne	0	8	62	202	342	480	637	606	461	286	50	2	3136
Elberta	4	15	87	214	362	499	654	640	474	272	63	10	3294
Farmington USU	0	0	47	192	357	505	681	693	448	256	34	0	3173
Logan USU	0	1	36	151	298	443	664	642	422	200	25	2	2889
Ogden Pioneer PH													
SLC Airport	0	0	35	201	372	522	707	685	466	235	12	0	3235
Tooele	0	0	27	157	307	521	746	699	421	136	15	9	3088
Trenton	0	0	22	173	324	441	555	536	390	197	9	0	2647
Utah Lake Lehi	0	6	55	178	330	466	621	605	425	234	42	2	2963
SOUTH CENTRAL													
Cedar City FAA	8	17	74	184	335	502	670	635	472	263	79	19	3258
Fillmore	11	22	97	222	372	538	714	689	508	306	83	18	3580
Kanab PH	0	26	148	277	431	586	672	650	510	336	130	6	3742
Levan	3	13	79	203	328	462	627	609	451	268	71	11	3125
Loa	0	0	13	127	291	426	617	471	350	192	22	0	2406
Manti	0	4	61	176	307	448	585	558	409	238	55	5	2846
Nephi													
Panguitch	0	0	18	144	293	424	505	468	368	213	29	0	2462
Richfield KSVC	15	29	112	228	363	485	593	575	461	301	95	19	3276
NORTHERN MOUNTAINS													
Coalville													
Heber	0	3	41	156	292	414	489	589	412	259	60	3	2718
Morgan	0	0	16	159	325	462	588	548	407	218	19	0	2712
Olmstead PH													
Scofield													
Silver Lk. Brighton													
Woodruff	0	0	0	60	216	343	480	453	324	141	1	0	2018
UINTA BASIN													
Duchesne AP	0	5	51	181	323	447	568	546	398	216	32	2	2769
Fort Duchesne	0	0	35	206	370	496	576	554	418	207	10	0	2872
Vernal AP	0	4	49	179	345	462	569	547	424	245	39	1	2864
SOUTHEAST													
Blanding	3	9	65	184	330	494	640	605	440	248	54	6	3079
Green River Avn.	1	35	155	310	470	562	710	677	528	345	84	7	3884
Hanksville FAA	5	37	147	294	455	594	733	696	536	346	100	16	3959
Moab 4 NW	0	21	183	339	501	619	735	697	534	335	90	0	4050
Monticello	0	0	24	183	353	496	633	578	396	202	24	0	2884
Price Warehouse	0	0	41	174	374	477	638	601	421	230	47	0	3003

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Accumulated Growing Degree Days Base 50, by Months, Utah, 1980.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	5	40	51	246	294	509	655	606	457	272	114	38	3281
Milford WSO	9	37	42	215	276	506	634	603	458	253	119	53	3205
Modena					300							83	
Park Valley	0	35	4	152	168	340	595	587	351	197	61	0	2490
Wendover	12	17	44	231	292	567	844	844	526	212	64	11	3664
DIXIE													
St. George	75	188	201	406	512	650	860	829	690	468	264	190	5333
Zion Nat'l Park	33	129	137	351	441	682	842	798	692	472	232	187	4996
NORTH CENTRAL													
Corinne	12	19	32	228	304	479	658	580	415	189	67	5	2988
Elberta	11	26	45	230	292	551	699	652	482	266	110	22	3386
Farmington USU			38	244	301	512	749	671		237	90	9	
Logan USU	2	10	10	188	225	420	668	578	399	187	60	8	2755
Ogden Pioneer PH	5	30	30	249	287	533	762	649	457	242	91	16	3351
SLC Airport	10	38	44	240	290	513	758	676	500	248	94	17	3428
Tooele	15	24	35	221	251	534	766	638	459	204	78	15	3240
Trenton	0	11	20	202	232	411	570	504	416	261	73	8	2708
Utah Lake Lehi	4	9	8	182	257	479	648	648	463	203	78	3	2982
SOUTH CENTRAL													
Cedar City FAA	11	41	33	204	268	527	690	648	483	271	125	85	3386
Fillmore	10	35	41	235	288	530	673	614	481	274	118	40	3339
Kanab PH	16	94	77	275	314	528	677	630	537	347	191	167	3853
Levan	0	28	32	197	253	494	650	595	452	234	97	23	3056
Loa		15	10	147	188	447	524	468	362	204	101	68	
Manti	3	13	21	192	219	478	620	566	393	238	105	57	2905
Nephi	2	37	63	210	311	534	655	590	472	289	116	45	3324
Panguitch	2	17	11	180	228	464	553	501	401	264	122	55	2798
Richfield #SVC		40				497			449			80	
NORTHERN MOUNTAINS													
Coalville						483			409	267	94	23	
Heber	1	0	2	165	208	439	561	510	411	248	96	17	2658
Morgan	5	5	19	206	249	446	567	513	420	268	104	14	2810
Olmstead PH	3	19	26	214	253	515	714	601	426	215	90	12	3088
Scofield	0	0	0	43	104	325	435	372	250	149	51	4	1733
Silver Lk. Brighton	0		4	39	53		355		174	99	19	3	
Woodruff	0	0	1	131	179	342	488	436	344	192	69	3	2185
UINTA BASIN													
Duchesne AP					224				382		76	2	
Fort Duchesne		1			278	512		505	429	213	65	1	
Vernal AP													
SOUTHEAST													
Blanding	0	17	28	182	273	549	675	673	477	260	107	53	3292
Ferron		5	16	185	237	490	659	584	394	245	90	29	
Green River Avn.	3	59	68	300	422	553	689	661	460	245	111	38	3629
Hanksville FAA	11	84	106	314	412	603	693	659	534	311	129	75	3931
Moab 4 NW	0	97	122	304	434	655	783	748	559	380	181	74	4337
Monticello													
Price Warehouse	0	1	7	160	260	542	713	615	418	254	82	40	3082

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Accumulated Growing Degree Days Base 40, by Months, Utah, 1980.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta		121	164	389	463	642	830	770	619	401	213	149	
Milford ASO	68	138	156	360	428	633	807	766	620	380	217	163	4736
Modena					447								
Park Valley	7	51	81	295	339	548	819	712	573	356	183	52	3965
Wendover	55	79	176	430	546	788	1128	1023	769	429	149	44	*5871
DIXIE													
St. George	237	367	369	562	722	814	*1281	1000	861	695	414	347	*7621
Zion Nat'l Park	177	282	294	540	676	849	*1326	972	868	687	429	360	*7441
NORTH CENTRAL													
Corinne		91	162	386	502	649	872	774	623	341	149	44	
Elberta	68	97	174	394	475	675	869	819	683	479	205	99	4983
Farmington USU			176	424	511	692	925	861		412	184	69	
Logan USU	26	54	88	356	439	629	868	792	632	353	141	56	4430
Ogden Pioneer PH	49	110	183	432	511	730	958	892	681	423	186	71	5138
SLC Airport	65	121	173	424	516	706	942	874	714	479	194	67	5204
Tooele	55	105	141	398	462	736	948	825	722	520	169	80	5005
Trenton	22	69	116	394	485	539	736	661	511	294	153	56	4075
Utah Lake Lehi		59	98	336	441	629	828	826	681	462	187	58	
SOUTH CENTRAL													
Cedar Cit. FAA	94	162	146	366	454	692	868	828	694	494	280	220	5177
Fillmore	78	118	168	402	485	690	844	785	645	455	216	151	5085
Kanab PH	132	234	214	430	509	678	895	815	706	508	339	314	5741
Levan	42	119	137	351	420	646	826	787	634	468	197	113	4641
Loa		90	92	277	344	549	671	627	518	335	223	191	
Manti	56	76	119	337	387	640	813	756	588	374	232	178	4523
Nephi	64	130	198		477	680	826	754	611	421	278	151	
Panguitch	55	102	112	320	378	548	676	634	551	388	237	187	4184
Richfield KSVC		142				620			596			209	
NORTHERN MOUNTAINS													
Coalville						559			557	398	188	117	
Heber	27	24	61	309	369	566	699		573	385	183	98	
Morgan	41	60	118	341	454	648	723	649	569	393	195	101	4142
Olmstead PH	49	84	134	389	461	696	895	809	644	407	169	71	4808
Scofield	6	11	7	140	243	479	598	539	416	274	127	78	2915
Silver Lk. Brighton	1		11	121	165		592		330	201	77	45	
Woodruff	15	28	59	254	334	474	653	581	503	325	151	59	3416
UINTA BASIN													
Duchesne AP					403				585		155	68	
Fort Duchesne		31			476	651		665	592	342	137	62	
Vernal AP													
SOUTHEAST													
Blanding	29	109	137	332	449	711	863	853	688	423	230	179	4993
Ferron		53	119	340	410	658	842	772	598	395	193	155	
Green River Avn.	63	184	240	446	600	681	855	823		395	245	178	
Hanksville FAA	77	216	253	453	573	740	864	801	652	427	260	215	5933
Moab 4 NW		248	282	479	661	824	953	916	718	511	342	237	
Monticello													
Price Warehouse	8	40	100	310	446	711	890	804	640	422	181	160	4712

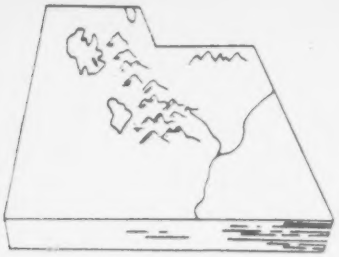
Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

*Estimated.

Frost Free Period, Utah, 1980 and Normal (1931-60).

Station	1980			Normal		
	Last Spring Minimum of 32° or Below	First Fall Minimum of 32° or Below	Number of Days Between Dates	Last Spring Minimum of 32° or Below	First Fall Minimum of 32° or Below	Number of Days Between Dates
WESTERN						
Delta	5-26	9-22	119	5-11	9-30	142
[illegible]	5-29	9-22	116	5-18	9-26	131
Milford	5-30	9-22	115	5-21	9-28	130
Park Valley	5-25	9-22	120	5-19	9-29	133
Wendover	4-8	10-23	198	4-21	10-23	186
DIXIE						
St. George	4-1	11-10	223	4-1	11-10	223
Zion Natl Park	4-24	11-14	204	4-6	11-7	215
NORTH CENTRAL						
Corinne	4-23	10-15	175	5-14	9-28	138
Elberta	5-13	9-23	133	5-14	9-30	140
Farmington USU	4-14	10-23	192	5-4	10-12	161
Logan [illegible]	4-13	10-15	185	5-8	10-13	159
Ogden Pioneer FM	4-12	10-16	186	5-1	10-14	167
SLC Airport	4-13	10-23	192	5-3	10-11	161
Tooele	5-24	10-23	152	4-28	10-24	179
Trenton	5-14	9-22	131	5-31	9-12	104
Utah Lake Lehi	5-29	9-22	120	5-18	9-28	134
SOUTH CENTRAL						
Cedar City FAA	5-25	9-23	121	5-17	9-30	136
Fillmore	5-25	9-22	120	5-4	10-11	160
Kanab FM	5-26	10-17	144	5-6	10-13	160
Levan	5-26	9-22	119	5-16	10-3	140
Lisa	6-13	8-20	68	6-22	8-29	68
Manti	5-26	9-22	119	5-24	9-28	128
Nephi	5-26	9-22	119	5-11	10-2	145
Panguitch	6-22	8-3	70	6-19	9-3	76
Richfield KSVC	5-30	9-21	114	5-28	9-18	113
NORTHERN MOUNTAINS						
Coalville	6-17	9-1	76	6-16	8-29	74
Heber	6-16	9-1	77	6-11	9-3	84
Morgan	6-15	9-22	99	6-5	9-8	96
Olmstead FM	4-13	10-16	186	5-23	9-30	130
Scofield	6-30	8-11	42	6-29	8-25	57
Silver Lake Brighton	6-27	8-4	38	7-5	8-27	53
Woodruff	6-28	8-4	37	6-27	8-23	57
UINTA BASIN						
Duchesne AP	5-27	9-22	118	5-28	9-20	115
Fort Duchesne	5-27	9-22	118	5-26	9-16	114
Vernal	5-27	9-23	119	5-29	9-15	110
SOUTHEAST						
Blanding	5-25	10-15	143	5-15	10-6	144
Ferron	5-27	9-22	118	5-15	10-6	144
Green River Arp.	5-26	10-17	144	5-1	10-10	163
Hanksville FAA	4-18	10-16	181	4-22	10-20	182
Moab 4 NW	4-14	10-24	193	4-21	10-21	183
Monticello	6-1	9-24	115	5-24	10-3	132
Price Warehouse	5-26	10-15	142	5-12	10-5	147

Source: Utah State Department of Agriculture Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.



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